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USAID Low Emissions Asian Development (LEAD) Program

# Fiscal Year 2015 Annual Report Including Quarter 4 Progress Update

Fiscal Year 2015 – October 1, 2014 to September 30, 2015

Submission Date: October 31, 2015

Contract Number: AID-486-C-11-00002

Activity Start Date and End Date: October 1, 2014 to September 30, 2015

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This document was produced for review by the United States Agency for International Development Regional Development Mission for Asia (USAID/RDMA).

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## ACRONYMS AND ABBREVIATIONS

ADB	Asian Development Bank
AFOLU	agriculture, forestry and other land use
AFOLU WG	Agriculture, Forestry, and Other Land Use Working Group
AIT	Asian Institute of Technology
ALP	Asia LEDS Partnership
ALU	agriculture and land use
ASE	Alliance to Save Energy
ASEAN	Association of Southeast Asian Nations
BAPPENAS	State Ministry for Development Planning
B-LEADERS	Building Low Emission Alternatives to Develop Economic Resilience and Sustainability (USAID)
B+WISER	Improving Biodiversity for Resilient Ecosystems and Communities project (USAID)
BCCI	Bombay Chamber of Commerce and Industry
BUR	Biennial Update Report
CARB	California Air Resources Board
CCCD	Advanced Training on Climate Change Curriculum Development
CCD	Climate Change Department (Cambodia)
CEnergy	Climate Change and Clean Energy program (USAID/Philippines)
CESC	Clean Energy Solutions Center
CO <sub>2</sub>	carbon dioxide
COP	Conference of Parties
COR	Contracting Officer's Representative
CSTEP	Center for Study of Science, Technology and Policy (India)
DO	Development Objective
EC-LEDS	Enhancing Capacity for Low Emission Development Strategies
ERDI	Energy Research and Development Institute – Nakornping
FY	fiscal year
GEF	Global Environment Facility
GGGI	Global Green Growth Institute
GGTF	Green Growth Task Force
GHG	greenhouse gas
GHGMI	Greenhouse Gas Management Institute
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
HEEI	Hotel Energy Efficiency Initiative
HEEIC	Hotel Energy Efficiency Initiative Committee
IAERI	Indonesian Agriculture Environment Research Institute
ICARD	Indonesian Centre for Animal Research and Development
ICET	Innovation Center for Energy and Transportation
ICF	ICF International, Inc.
IFC	International Finance Corporation

INDC	Intended Nationally Determined Contributions
IPCC	Intergovernmental Panel on Climate Change
IPPI	Inventory Project Performance Indicator
IR	Intermediate Result
ISC	Institute for Sustainable Communities
JICA	Japan International Cooperation Agency
LEAD	Low Emissions Asian Development program (USAID)
LEAF	Lowering Emissions in Asia's Forests program (USAID)
LEAP	Long-range Energy Alternatives Planning System
LEDs	low emission development strategies
LEDs GP	Low Emission Development Strategies Global Partnership
LEDs-SAT	LEDs Self-Assessment Tool
LULUCF	land use, land-use change and forestry
MACC	Marginal Abatement Cost Curve
M&E	monitoring and evaluation
MOSTE	Ministry of Science, Technology and Environment (Nepal)
MOU	memorandum of understanding
MRV	measurement, reporting, and verification
MSMEs	small and medium enterprises
NIS	Regional Training on National Inventory Systems
NREL	National Renewable Energy Laboratory
PMP	Performance Management Plan
ONEP	Office of Natural Resources and Environmental Policy and Planning (Thailand)
PFAN-Asia	Private Financing Advisory Network-Asia (USAID)
PGGAP	Provincial Green Growth Action Plan
RECOFTC	The Center for People and Forests
REGIN	Renewable Energy Grid Integration Network
RGGI	Regional Greenhouse Gas Initiative
RUA	Royal University of Agriculture
SEA GHG Project	Regional Capacity-building Project for Sustainable National Greenhouse Gas Inventory Management Systems in Southeast Asia
SEI	Stockholm Environment Institute
SMEI	Sustainable Mekong Energy Initiative
SWAMP	Sustainable Wetlands Adaptation and Mitigation Program
TBD	to be determined
TCR	The Climate Registry
TERI	The Energy and Resources Institute (India)
TICA	Thailand International Development Cooperation Agency
TGO	Thailand Greenhouse Gas Management Organization
UNDP	United Nations Development Program
UNEP	United Nations Environment Program
UNESCAP	United Nations Economic and Social Council for Asia and the Pacific

UNFCCC	United Nations Framework Convention on Climate Change
US	United States
USAID	US Agency for International Development
USAID/RDMA	USAID Regional Development Mission for Asia
USDA	US Department of Agriculture
USDOE	US Department of Energy
USEPA	US Environmental Protection Agency
USFS	US Forest Service
USG	US Government
VFD	USAID Vietnam Forests and Deltas
WRI	World Resources Institute

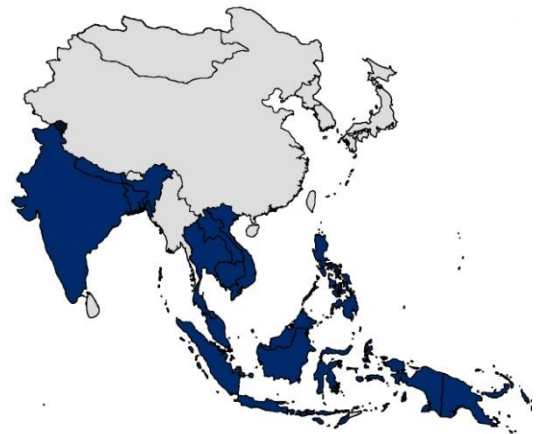
## I. PROGRAM OVERVIEW/SUMMARY

<b>Program Name:</b>	USAID Low Emissions Asian Development (LEAD) Program
<b>Activity Start Date and End Date:</b>	September 27, 2011 - September 26, 2016
<b>Name of Prime Implementing Partner:</b>	ICF Incorporated LLC
<b>Contract Number:</b>	AID-486-C-11-00002
<b>Names of Subcontractors:</b>	Alliance to Save Energy (ASE) Agriculture and Land Use Group (ALU) Asian Institute of Technology (AIT) Greenhouse Gas Management Institute (GHGMI) Innovation Center for Energy and Transportation (ICET) Institute for Sustainable Communities (ISC) Engility (previously International Resources Group) Nexant Stockholm Environment Institute (SEI) The Climate Registry (TCR)
<b>Major Counterpart Organizations</b>	Thailand International Development Cooperation Agency (TICA) Thailand Greenhouse Gas Management Organization (TGO) Office of Natural Resources and Environmental Policy and Planning (ONEP)
<b>Geographic Coverage (cities and/or countries)</b>	Bangladesh, Cambodia, China, India, Indonesia, Laos, Malaysia, Nepal, Papua New Guinea, Philippines, Thailand, and Vietnam
<b>Quarterly Reporting Period:</b>	July 1, 2015 to September 30, 2015
<b>Annual Reporting Period:</b>	October 1, 2014 to September 30, 2015

### I.1 Program Description/Introduction

USAID's regional Low Emissions Asian Development (LEAD) program helps developing Asian countries achieve long-term, transformative development and accelerate sustainable, climate-resilient economic growth while slowing the growth of greenhouse gas (GHG) emissions. LEAD builds the capacity of governmental and non-governmental partners in Asia to develop and implement low emission development strategies (LEDS) in four interrelated areas: analysis and modeling of economic development pathways, emissions trajectories, and technology options; GHG inventories and accounting; carbon market development; and regional cooperation.

The five-year program, implemented by ICF International (ICF) and a team of subcontractors, supports and enhances country-led development programs, plans, and policies, and complements efforts of other international donors and organizations to support LEDS in the 12 program countries: Bangladesh, Cambodia, China, India, Indonesia, Laos, Malaysia, Nepal, Papua New Guinea, Philippines, Thailand, and Vietnam.



The USAID LEAD program complements the United States Government's (USG) global Enhancing Capacity for Low Emission Development Strategies (EC-LEDS) initiative, and draws on specialized expertise from the US Department of Energy (USDOE), US Environmental Protection Agency (USEPA), and US Forest Service (USFS). The LEAD program also serves as Secretariat for the Asia LEDS Partnership (ALP), a regional platform of the LEDS Global Partnership.

This performance report highlights LEAD's key program successes for Fiscal Year (FY) 2015, as well as a Quarter 4 status update by result for each activity including background information, expected outcomes, and key achievements.

**I.2 Table I: Annual Summary of Results of Standard Indicators for FY 2015<sup>1</sup>**

Standard Indicators	Baseline FY 2012	Annual Target FY 2015	Q1 FY 2015	Q2 FY 2015	Q3 FY 2015	Q4 FY 2015	Total Annual Result	Annual Performance Achieved to the End of Reporting Period (%)	Annual Target Met Y/N
Number of institutions with improved capacity to address climate change issues as a result of USG assistance (F indicator)	0	30	0	0	0	28	<b>28</b>	93%	N
Number of regional environmental platforms created or strengthened as a result of USG assistance (REO indicator)	0	2	0	0	0	2	<b>2</b>	100%	Y
Number of climate mitigation and/or adaptation tools, technologies, and methodologies, developed, tested, and/or adopted as a result of USG assistance (F indicator)	0	3	0	0	0	0	<b>4</b>	133%	Y
Person hours of training completed in climate change supported by USG assistance (F indicator)	0	3,220	1,840	1,752	672	2,352	<b>6,616<sup>2</sup></b>	205%	Y
Person hours of training completed in climate change supported by USG assistance (F indicator) – For USAID/Philippines buy-in	0	2,800	864	344	824	0	<b>2,032<sup>3</sup></b>	73%	N

<sup>1</sup> Annual performance targets for the USAID LEAD program are identified as per the approved Performance Management Plan (PMP), version 2.0, April 2015.

<sup>2</sup> FY 2015 total person hours of training completed for USAID/RDMA regional training events only.

<sup>3</sup> FY 2015 total person hours of training completed for USAID/Philippines buy-in training events only.



## 2. ACTIVITY IMPLEMENTATION PROGRESS

### 2.1 Annual Progress Narrative

During FY 2015, the USAID LEAD program continued its progress in program management, planning, and technical activities. The key achievements for the fiscal year by result and task are summarized below. These results contribute towards the program's overall objective to catalyze LEDS in Asia.

**DO: Institutions, platforms, and initiatives to catalyze LEDS in Asia established or strengthened**

#### **Subtask 6.1 – Asia LEDS Partnership**

**Maintaining momentum of the Asia LEDS Partnership network.** During November 2015, USAID LEAD, as Secretariat of the Asia LEDS Partnership (ALP), organized the *Asia LEDS Forum 2014: Development through LEDS and Green Growth* in Yogyakarta, Indonesia. This was the third annual meeting of the ALP. The Government of Indonesia hosted the forum, which convened 250 participants, including representatives from 19 Asian and Pacific countries, to discuss the linkages between green growth and national development goals for developing countries in Asia. In a participant survey at the end of the event, a large majority of attendees said they learned of innovative LEDS-related practices and approaches, planned to apply the knowledge gained in their organization/country, and that they felt that participation in the ALP would have a positive impact in their organization/country in advancing LEDS action. In a six-month follow up survey, these results were sustained, with half of respondents confirming that they had indeed applied selected tools and resources presented at the event. Nearly half of the respondents reported joining the ALP as members to continue engagement. Respondents expressed interest in future activities of the network, with the most favored activities being: Asia LEDS Forum, thematic workshops, online training programs, and receiving technical assistance; areas that are well-integrated into the current ALP work plan, coordinated by USAID LEAD as Secretariat.

The communications work carried out before, during and after the Asia LEDS Forum contributed to maintaining momentum around the Forum. With a distinct visual identity, communications products included fact sheets, rollups, nametags, and other elements that contribute to an overall unifying feeling.

**Expanding the role and offerings of the Asia LEDS Partnership.** In response to ALP member feedback that there is information overload, and that LEDS-related training is too dispersed, in FY 2015 USAID LEAD undertook a new role to curate this large volume of LEDS-related training. USAID LEAD identified a unique value-add that the ALP can provide to members, by serving as a first “screen” to assess training resources – such as by topic, relevance, skill level required, and

time commitment required – and streamlining access to resources from numerous content owners for members in one location, through the ALP website. In FY 2015, USAID LEAD completed work and launched its first integrated curriculum:

“Overview of LEDS and the LEDS Process” in a newly developed section on the ALP website, “Training”. This curriculum is

comprised of quality resources from more than 20 content developers worldwide – offering a unique opportunity for members to see the range of training available on how to advance each step of the LEDS process. In FY 2016, USAID LEAD will complete work and launch an additional two curricula in the “Training” section of the ALP website on “low emission energy planning and implementation” and “low emission land use planning and implementation”. These three curricula topics represent high-interest areas conveyed by members with regard to capacity building for LEDS planning.



**Enabling sustainability of the Asia LEDS Partnership.** Giving high importance to sustaining the Asia LEDS Partnership (ALP) beyond September 2016, USAID LEAD led the process of identifying a new Secretariat. Upon award of a subcontract to a local organization, USAID LEAD will transition Secretariat roles in a phased approach, and take on an increasingly advisory role for the remainder of the USAID LEAD program. This approach is designed to ensure continuity of Secretariat operations by a capable team – core to maintaining and growing the ALP, thereby addressing one key aspect of enabling sustainability. Actions in FY 2015 included:

- Engaged key ALP partners, specifically donors, in discussions on preferred mechanisms that would allow future funding and/or in-kind support to flow to ALP Secretariat operations and ALP activities. Determined that the process outlined hereafter would allow donors to continue their support of the ALP.
- Formed a committee of committed ALP partners to promote an inclusive transparent process for Secretariat selection, comprised of senior officials from: Climate and Development Knowledge Network (Asia Director), United Nations Development Programme (Head, Low Emission Capacity Building Programme), USAID RDMA (COR), National Renewable Energy Laboratory (Director, Multilateral Programs), and World Bank (Head, Climate Change Practice).
- Worked with the committee to identify desirable characteristics of a new Secretariat to craft eligibility criteria, a statement of work, selection criteria, and scoring weights.
- Prepared and issued a public Consultation Request (April 2015) to identify interested organizations/firms; and shortlisted 16 eligible organizations/firms.

- Prepared and issued a Request for Proposal (RFP) to institutions/firms that were deemed eligible (July 2015); and evaluated the 14 responses received.
- Engaged the committee in scoring top five candidates' technical approach, developed composite scores, and used composite scores to inform a round of clarification requests.
- Selected a winning candidate, and initiated steps towards a formal award, which is should be announced in Q1 2016, upon which transition of roles would begin.

#### **IR1.0: National and sub-national LEDS created or improved**

##### **Subtask 3.3 Regional Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in Thailand**

USAID LEAD is supporting the *Hotel Energy Efficiency Initiative* (HEEI) in Chiang Mai, Thailand in partnership with the Hotel Energy Efficiency Initiative Committee (HEEIC), which includes members from Chiang Mai Municipality, Chiang Mai Hotel Association, and the Energy Research and Development Institute – Nakorping (ERDI). USAID LEAD convened a first meeting of HEEIC in July 2015 to review the progress made by the initiative and outputs from the initiative. The HEEIC expressed satisfaction with the progress made and expressed appreciation for USAID LEAD support. USAID LEAD worked with a local partner, ERDI, to conduct energy audits of 20 participating hotels. The audit exercise included collection of data from one calendar year in specific formats to establish an energy baseline for the hotels. USAID LEAD and ERDI are currently developing the energy audit reports, which include audit findings on opportunities to save energy, save money and reduce greenhouse gas emissions. USAID LEAD has communicated these findings to most of the hotels through a summary report and meetings. USAID LEAD engaged ERDI as part of the energy audit process supervised by USAID LEAD program specialists; this engagement is aimed at building the capacity of the ERDI core team in energy data collection process and data interpretation using international best practices. ERDI is responsible for developing the detailed energy audit reports. Eight such reports were developed in FY 2015 Q4 under the USAID LEAD sector experts' supervision. USAID LEAD conducted a hands-on training on monthly data collection for the participating hotels in August 2015, using a format that the USAID LEAD sector experts developed. During training on the draft, USAID LEAD presented the results of a Benchmark Model exercise that shows how the various classes of hotel use energy. USAID LEAD also solicited feedback from participants on the benchmarking exercise and the manner of presenting results. Participating hotels are in the process of mainstreaming data collection efforts using prescribed formats and are sharing these with the USAID LEAD team as a part of the benchmarking exercise. AS USAID LEAD continues during the first three quarters in FY 2016, it will also work to disseminate the results and approach regionally.

#### **IR2: GHG inventory and accounting systems at the national and sub-national levels strengthened**

## **Subtask 2.0 – Region-Wide National GHG Inventory Capacity Building**

USAID LEAD held its Session 3 Regional Training on National GHG Inventory Systems (NIS) from February 25-27, 2015. Its objective was to prepare participants to put the USEPA inventory toolkit to use in their respective countries by employing it to transition from inventory planning to preparation by: (1) authoring and disseminating an inception memo to inform all parties involved in the inventory preparation process of its upcoming launch; (2) defining sector-specific roles and responsibilities in writing; (3) using a memorandum of understanding (MoU) or similar mechanism to formalize institutional arrangements; and (4) using agreements, e.g., MoUs or non-disclosure agreements, to obtain data sharing commitments that take confidential or sensitive data into account and precisely differentiate complementary roles and responsibilities. The timing of Session 3 was opportune in that it coincided with participants' early work on preparing their Third National Communications (TNC) and first Biennial Update Reports (BURs), giving them the occasion to put the lessons just described to immediate use.

Several of the countries that attended Session 3 have reported that they are applying the lessons. A participant from Bangladesh stated, "...we are going to engage the consultants for GHG Inventories under TNC. Before the consultants start the work, we, the sector leads should have clear understandings about the data requirements, data availability and quality. The component 'Data Assessment' will help us on this regard and to handle the consultant effectively." A professor from Nepal reported he was instructing students in aspects of the session. A participant from Malaysia wrote in her post-training report to be shared with other members of Malaysia's TNC/BUR team, "the USEPA GHG Inventory toolkit is recommended for consideration by each GHG inventory group." Another from Malaysia wrote: "(1) the Training has opened my network of contacts where now, I have peers and colleagues from other countries that I can be sharing information and experiences [with]; (2) the template being introduced has been adopted and in use by our team doing inventory for energy and IP sectors. I have also shared the template with other sectors." In Vietnam, templates introduced at the session were translated for inclusion in a study to be conducted by Vietnam Department of Meteorology, Hydrology, and Climate Change (DMHCC) that intends to evaluate different possible approaches to the country's future inventory system.

Per the request of the Philippines' Climate Change Commission (CCC), USAID LEAD replicated Session 3 for a Philippines-only audience in Manila. Participants were able to use these materials to: (1) educate all relevant parties to the launch of the inventory preparation process; (2) define sector-specific roles and responsibilities in writing; (3) use a MoU or similar to formalize institutional arrangements; (4) use agreements, e.g., MoUs or non-disclosure agreements, to obtain data sharing commitments that take confidential or sensitive data into account; and (5) enhance the draft "Guidance Document" that will be used to implement the Philippines' "Executive Order Institutionalizing GHG Inventory."

Earlier in the fiscal year, USAID LEAD replicated NIS 1 and 2 in a single training in Manila, also for a Philippines-only participant group representing the energy, waste, IPPU, and AFOLU sectors.

Technical areas included international best practices for the inventory preparation process, focusing on key components of a quality inventory system: Institutional Arrangements, Methods and Data Documentation, QA/QC, Key Category Analysis, Archiving, and National Inventory Improvement Planning. Participants gained knowledge in these topics, and increased their capacity to share and analyze inventory data; differentiate between key and non-key source and sink categories; perform quality control of inventory documentation; and determine where their national GHG inventories could stand to be improved, and how to prioritize those improvements. They were also able to improve the draft “Executive Order Institutionalizing GHG Inventory,” which was subsequently signed by the President in November 2014. Following on the success of Session 3, USAID LEAD produced Session 4 in Manila in July 2015. This session introduced them to the Intergovernmental Panel on Climate Change (IPCC) inventory software differences between the 1996 and 2006 IPCC Guidelines, and uses to which a robust inventory could be put beyond reporting to the UNFCCC. Each country was given a variety of inventory challenges to work together to solve. Outcomes included the following:

- A greater understanding of the differences between the revised 1996 IPCC Guidelines and the 2006 version, and of the main improvements in the 2006 Guidelines; participants were able to decide which version to use or justify use of the version they had already selected.
- Participants learned what spreadsheets and inventory software were available for inventory preparation; how they compared; how to use software with a team; where and how to download the IPCC inventory software; how to install and setup the software; how to enter data in the software, and export and import it; and how to export it in a format suitable for use in an inventory report.
- Participants learned how to explain an inventory-related challenge in a way that permitted others to understand it and provide relevant advice.
- Participants learned that national GHG inventories may be used for GHG emission projections, marginal abatement cost curves, NAMAs, industry partnerships, registries and emission trading systems, and nationally determined contributions.

#### **Subtask 2.6: Regional Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands**

As a follow-on activity to the carbon stock mangrove data collection training, USAID LEAD conducted a regional training on sediment laboratory analysis from September 21-25, 2015, in Bangkok, Thailand. The training focused on building data analysis skills to calculate the below-ground carbon stock of sediment samples that USAID LEAD collected during previous training workshops in Cambodia. As a result of the training, USAID LEAD calculated the carbon stock of 40 sediment samples from two plots collected from Cambodia in February 2015. Training participants included soil laboratory technicians, field practitioners, researchers and GHG inventory developers from six countries: Indonesia, Thailand, Bangladesh, Cambodia, Vietnam and Philippines. Participants discussed the idea of regional collaboration on sediment laboratory analysis.

The carbon stock results are currently being analyzed by technicians from Kasetsart University, Thailand and experts from the USFS laboratory in Hawaii. To address the inclusion of this data in the national inventory, the USAID LEAD team will hold a four-day workshop in Cambodia in January 2016. The key purposes of the workshop are to: (a) share the carbon stock analysis results of Cambodian mangroves, (b) provide a mini-training on above-ground carbon calculation, and (c) to develop a roadmap for data integration into national GHG inventory of Cambodia.

#### **Subtask 5.2 – Technical Assistance for CO<sub>2</sub> Emission Factor Development for Mobile and Stationary Combustion for the Philippines**

USAID LEAD, in partnership with USAID/Philippines, provided technical assistance to the Philippines Government on "Emission Factor Improvement for Combustion Related Emission Factors in the Philippines" from January to May 2015. Officials and technical staff from the Department of Energy, Department of Transportation and Communications, and Department of Environment and Natural Resources participated in and supported this activity.

The USAID LEAD program developed more reliable, country-specific greenhouse gas (GHG) emission factors for CO<sub>2</sub> stationary (coal and natural gas) and on-road mobile combustion sources in the Philippines that are consistent with IPCC Guidelines and United Nations Framework Convention on Climate Change (UNFCCC) standards. These emission factors can ensure more accurate estimations of GHG inventory from the energy and transportation sectors. The CCC, through the USAID B-LEADERS project, also adopted the mobile combustion emission factor in estimating GHG inventory for the transportation sector in its Cost-Benefit Analysis of various mitigation options for INDC.

The LEAD program also developed a guidance manual that describes emission factor data sources, data collection processes, application methodology, and results of the emission factor development process. The LEAD program hopes that concerned government agencies can use this guidance manual to update these emission factors in the future.



Photo: Lily Gutierrez (L) of USAID/Philippines and Loreta Ayson, Department of Energy (DOE) Undersecretary, welcomed participants to the kick-off meeting on emission factor development on February 3, 2015. Looking on is Carmencita Barriso (R), DOE Assistant Director, who is representing the DOE Planning Bureau, a focal point for GHG inventory in the energy sector.



Photo: Government of the Philippine officials, technical staff, and LEAD program experts participated in the kick-off meeting on February 3 in Manila, Philippines.

### **IR3: GHG markets strengthened, and IR 3.1: Institutions to support GHG market development strengthened**



#### **Subtask 4.1 — Thailand: Technical Assistance for GHG Registry Establishment and Regional Knowledge-Sharing**

The process of developing “Carbon Footprint for Organizations (Version 2.0)” (CFO) for the Thailand Greenhouse Gas Management Organization (TGO) progressed swiftly in the second half of FY 2015, culminating in a soft launch of the program in early August. This consisted of three days during which USAID LEAD trained TGO in the administrative and technical aspects of managing the program, one day of training verification bodies on how to use the online platform to verify GHG emission reports, and one day of training organizations on how to use the platform to report their GHG emissions. USAID LEAD produced and shared a number of documents with TGO to accompany this week of training. They included comprehensive in-depth guidance for organizations, verification bodies, and accreditation bodies; functional and technical requirements manuals for program administrators; several forms related to conflicts of interest; an emission factor table spreadsheet for program administrators; calculation tools for electricity, vehicle fleets, and refrigeration; an inventory management plan and reporting extension request template for reporting organizations; a verification extension request template, sample contract, and verification report template for verification bodies; presentations that TGO may use to train reporting organizations and verification bodies in the future; and online reporting platform user guides for administrators, reporting organizations, and verification bodies.

In July 2015, USAID LEAD contributed to regional knowledge of and interest in GHG reporting programs in general by giving a presentation on CFO 2.0 at the Regional Forum on Climate Change, hosted by the Asian Institute of Technology. In FY 2016, USAID LEAD will continue to respond to regional interest in establishing this type of GHG MRV program by demonstrating the purpose and functions of CFO 2.0 in several countries where the program is engaged.

#### **IR1.2/2.1/3.3: Individual capacity in LEDS, GHG inventories and accounting, and GHG markets strengthened**

The table below identifies specific training events that occurring during FY 2015 includes all Tasks. Please see Table 6 for a listing of FY 2015 Quarter 4 training events.

**Table 2: Annual Summary of Training Events during FY 2014 Quarters 1 - 4**

<b>Training Event</b>	<b>Purpose</b>	<b>Learning Outcomes (skills and knowledge)</b>
TBL/MCA (triple bottom line / multi criteria analysis) Methodology for Protected Areas, Chiang Mai, Thailand,	<ul style="list-style-type: none"><li>• Management of protected natural resource areas</li></ul>	<ul style="list-style-type: none"><li>• Introduction to MCA and definition of the key analytical components</li><li>• Discussion of the benefits of MCA for land use decision making</li><li>• Connection between TBL valuation and MCA methods</li><li>• Example MCA analysis</li></ul>



November 17-20, 2014		<ul style="list-style-type: none"> <li>Overview of steps in MCA</li> </ul>
National Inventory Systems Intensive Training in the Philippines. November 18 – 21, 2014, Manila, Philippines	<ul style="list-style-type: none"> <li>International best practices for the inventory preparation process, including Institutional Arrangements, Methodologies and Data Documentation, Key Category Analysis, QA/QC, Archiving, and National Inventory Improvement Planning</li> </ul>	<ul style="list-style-type: none"> <li>Participants gained knowledge in technical areas and increased their capacity to share and analyze inventory data; differentiate between key and non-key source and sink categories; perform quality control of inventory documentation; and determine where their national GHG inventories could stand to be improved, and how to prioritize those improvements.</li> </ul>
Provincial GHG inventory with focus on emissions from energy, industrial processes and waste sectors. December 1-3, 2014, Thanh Hoa, Vietnam	<ul style="list-style-type: none"> <li>Basics of GHGs, introduction to IPCC guidelines for national GHG inventory;</li> <li>Guidance for preparation of GHG inventory for energy, industrial process and waste sector at provincial level;</li> <li>Guidance on Development of a provincial GHG inventory reporting system.</li> </ul>	<ul style="list-style-type: none"> <li>Identify the basics of GHGs</li> <li>Describe current Global GHG emissions and Vietnam's GHG emissions</li> <li>Describe IPCC guidelines for National GHG Inventory</li> <li>Identify GHG accounting and reporting principles</li> <li>Describe IPCC methodologies</li> <li>Introduction to Greenhouse Gas Protocol</li> <li>Demonstrate how to produce an inventory of GHGs from the energy sector at the provincial level</li> <li>Demonstrate how to produce an inventory of GHGs from industrial processes at provincial level</li> <li>Demonstrate how to produce an inventory of GHGs from the waste sector at provincial level</li> <li>Demonstrate how to create a provincial inventory system</li> </ul>
Introduction to Green Growth and Sustainability, December 10-11, 2014, Mumbai, India	<ul style="list-style-type: none"> <li>Introduction to green growth, concept, components and strategies to operationalize green growth in business;</li> <li>Green growth strategies-energy, materials water and waste;</li> </ul>	<ul style="list-style-type: none"> <li>Understand the importance of green growth for private sector</li> <li>Familiarize with the components, strategies, approaches to grow sustainably</li> </ul>

	<ul style="list-style-type: none"> <li>• Use of sustainability reporting tools for accounting of green growth activities; and</li> <li>• Introduction to the differing reporting frameworks such as GRI and GHG Protocol reporting.</li> </ul>	<ul style="list-style-type: none"> <li>• Become aware of the basics on new generation energy and water conservation approaches</li> <li>• Gain knowledge of the green productivity approach through waste management</li> <li>• Gain basic understanding of widely-used GHG accounting, reporting and verification tools, methods, protocols and standards</li> <li>• Understand effective ways of sustainable utilization of resources and materials in industries.</li> </ul>
Training on LEAP tool for developing Thanh Hoa energy scenarios December 18-20, 2014, Thanh Hoa, Vietnam	<ul style="list-style-type: none"> <li>• Basic LEAP modeling concepts and approaches and its application for modeling future energy demand and assessing future mitigation measures.</li> <li>• Exercises focused on GHG emissions from industrial processes and waste sectors for making projections using the LEAP model.</li> </ul>	<ul style="list-style-type: none"> <li>• Describe the energy system in Thanh Hoa</li> <li>• Describe key elements of the LEAP software</li> <li>• Use LEAP to conduct various analyses (energy, transformation and emission) by entering basic data that describes current and future energy demand and supply in Thanh Hoa</li> <li>• Develop provincial-scale energy scenarios for Thanh Hoa that can be used to evaluate and to help design low-emission development strategies</li> <li>• Develop an action plan and identify members to use LEAP to conduct a baseline for Thanh Hoa</li> </ul>
Using the Geospatial Toolkit to Advance Green Growth Planning in Thanh Hoa  January 7-9, 2015 Thanh Hoa, Vietnam	<ul style="list-style-type: none"> <li>• Support Thanh Hoa's green growth planning through the application of renewable energy resource assessment and geospatial analysis. The GsT is a map-based software application developed by the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) that provides a visual platform for exploration and analysis of renewable energy potential in a country or region.</li> </ul>	<ul style="list-style-type: none"> <li>• Renewable energy technology</li> <li>• Scenario development for renewable energy opportunities and constraints</li> <li>• Tool customization to support the development of achievable renewable energy targets for Thanh Hoa Province</li> </ul>

<p>Industrial Waste Management</p> <p>January 28, 2015, Mumbai, India</p>	<ul style="list-style-type: none"> <li>• Waste management and disposal techniques</li> <li>• Technology solutions to manage waste</li> <li>• Linkage with GHG reduction</li> </ul>	<ul style="list-style-type: none"> <li>• Present scenario of industrial waste management in India nationally, in Maharashtra and in other states</li> <li>• Industrial waste generation patterns, as well as management and disposal techniques</li> <li>• Central and state pollution control board guidelines on industrial waste management</li> <li>• Schemes, incentives, policies on industrial waste management</li> <li>• Cost benefit analysis of different waste management techniques</li> <li>• Waste management techniques which address business profitability, environmental regulations and economic viability</li> </ul>
<p>Waste to Energy</p> <p>January 29, 2015, Mumbai, India</p>	<ul style="list-style-type: none"> <li>• Industrial technologies for generating energy from waste</li> <li>• Linkages with GHG reduction</li> </ul>	<ul style="list-style-type: none"> <li>• Technologies for recovering energy from industrial waste</li> <li>• Schemes, incentives, and assistance available from the government for waste-to-energy projects</li> <li>• Challenges of waste-to-energy in the industrial sector</li> <li>• Economic and environmental benefits of waste to energy projects</li> <li>• Relevant state and national level policies</li> </ul>
<p>Session 3 Regional Training on National GHG Inventory System</p> <p>February 25-27, 2015, Bangkok, Thailand</p>	<ul style="list-style-type: none"> <li>• National GHG inventory system key tools such as MoUs, Confidentiality Agreements, Statements of Work, and Inception Memorandum</li> </ul>	<p>Participants who completed this training are better prepared to employ the USEPA inventory toolkit in moving from inventory planning to implementation by:</p> <ul style="list-style-type: none"> <li>• Alerting all interested parties to the launch of the inventory preparation process;</li> <li>• Defining sector-specific roles and responsibilities in writing;</li> <li>• Using MoUs or similar to formalize institutional arrangements; or,</li> </ul>

		<ul style="list-style-type: none"> <li>Using agreements, e.g., MoUs or non-disclosure agreements, to obtain data sharing commitments that take confidential or sensitive data into account.</li> </ul>
<p>Focus Group Discussion on National GHG Inventory for Energy and Transportation Sectors: Integration of Data Requirements and Institutional Arrangements</p> <p>March 11, 2015, Manila, Philippines</p>	<ul style="list-style-type: none"> <li>GHG emission inventory in general and on institutional arrangements for national GHG Inventory Systems in the energy and transport sectors</li> </ul>	<ul style="list-style-type: none"> <li>To discuss institutional arrangements, roles, and responsibilities of energy agencies in the collection, archiving, sharing, and analysis of data;</li> <li>To examine the data requirements for conducting national GHG inventory; and</li> <li>To examine availability of data, needs and gaps, sources, and other data issues and concerns.</li> </ul>
<p>Focus Group Discussion on National GHG Inventory for the AFOLU Sector</p> <p>Session 2: Integration of Data Requirements and Institutional Arrangements</p> <p>March 12, 2015, Manila, Philippines</p>	<ul style="list-style-type: none"> <li>GHG emission inventory in general and on institutional arrangements for national GHG Inventory Systems in the AFOLU sectors</li> </ul>	<ul style="list-style-type: none"> <li>To discuss institutional arrangements, roles and responsibilities of relevant agencies and other stakeholders in the AFOLU Sector; Consolidated matrix outlining the data requirements, gaps, needs of AFOLU in general and forestry in particular;</li> <li>To identify data requirements for the conduct of the national inventory in the AFOLU Sector;</li> <li>To examine availability of data, needs, gaps, sources and other data issues; and</li> <li>To propose inventory training and capacity building activities for the AFOLU sector.</li> </ul>
<p>Greenhouse Gas Protocol- A GHG Management Tool for Corporates and its Supply Chain</p> <p>March 12-13, 2015</p> <p>Mumbai, India</p>	<ul style="list-style-type: none"> <li>Basic concepts on GHG management for corporations and their value chain</li> <li>Standards and guidance for companies preparing a GHG emissions inventory</li> </ul>	<ul style="list-style-type: none"> <li>GHG inventory preparation to capture GHG emissions due to industry operations</li> <li>Value chain emissions impact, effective ways to reduce emissions and in compliance with new and evolving legal and voluntary requirements</li> <li>Methods to simplify and reduce the costs of compiling</li> </ul>

		<p>a GHG inventory, third party verification/certification</p> <ul style="list-style-type: none"> <li>• Consistency and transparency of GHG accounting and reporting</li> </ul>
<p>MACC Analysis Training: Deriving GHG Emission Reduction Targets in Thanh Hoa</p> <p>March 18-19, 2015 Thanh Hoa, Vietnam</p>	<ul style="list-style-type: none"> <li>• Assessment and ranking of low carbon options in each sector, and subsequent development of green growth scenarios, by providing training on development and use of Marginal Abatement Cost Curves (MACC) using MACCBuilderPro or another set of tools developed specifically for Vietnam.</li> </ul>	<ul style="list-style-type: none"> <li>• MACC analysis concepts and approaches</li> <li>• Data needs for MACC analysis</li> <li>• Abatement options by using MACC Builder based on the abatement cost, abatement potential and others;</li> <li>• Action plan development, identification of members to use MACC Builder in order to assess and rank identified mitigation options.</li> </ul>
<p>Introduction of Energy Efficiency in Hotels</p> <p>Place: Chiang Mai, Thailand</p> <p>April 2, 2015</p>	<ul style="list-style-type: none"> <li>• Training on Energy Audits in the Hospitality sector</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to the importance of energy management in Hotels</li> <li>• Practical introduction to Energy Audit Procedure</li> <li>• Training on filling-in data form &amp; Data Preparation</li> <li>• Understanding Energy Audit Reporting Preparation and Recommendations to improve energy efficiency</li> </ul>
<p>Energy Auditing Training for Hotels in Chiang Mai</p> <p>April 2-3, 2015, Chiang Mai, Thailand</p>	<ul style="list-style-type: none"> <li>• Basics of energy audits with focus on development of energy benchmark for hotels in Chiang Mai and with hands-on training for energy managers</li> </ul>	<ul style="list-style-type: none"> <li>• Energy audit concept for the hospitality sector.</li> </ul>
<p>Legal framework, Mechanisms and Regulations for Green Growth in India</p> <p>Mumbai, India</p> <p>April 16, 2015</p>	<ul style="list-style-type: none"> <li>• Training on applicable policies, regulations and market instruments with respect to environmental compliance and climate change.</li> </ul>	<ul style="list-style-type: none"> <li>• The legal framework pertaining to green growth in India</li> <li>• Applicable policies and compliance aspects related to climate change</li> <li>• Central and state pollution Control Board compliance norms for different industries</li> <li>• Policies and mandates to promote energy efficiency and renewable energy in India</li> </ul>

		<ul style="list-style-type: none"> <li>• Mandatory reporting for industries regarding environmental parameters</li> <li>• Using greenhouse gas management tools as a means to comply with environmental regulations</li> </ul>
Philippines-specific version of the Session 3 Regional Trainings on National GHG Inventory Systems May 11-13, 2015 Manila, Philippines	<ul style="list-style-type: none"> <li>• National GHG inventory systems</li> </ul>	<ul style="list-style-type: none"> <li>• This training covered the materials and templates in the US EPA Toolkit in depth. Upon the conclusion of the training, participants were generally deemed likely to be able to use these materials to: (1) alert all interested parties to the launch of the inventory preparation process; (2) define sector-specific roles and responsibilities in writing; (3) use a memorandum of understanding (MoU) or similar to formalize institutional arrangements; and (4) use agreements, e.g., MoUs or non-disclosure agreements, to obtain data sharing commitments that take confidential or sensitive data into account, amongst other goals.</li> </ul>
Capacity building workshop on mobile and stationary EF development workshop for the Philippines May 13-15, 2015 Manila, Philippines	<ul style="list-style-type: none"> <li>• EF development</li> </ul>	<ul style="list-style-type: none"> <li>• EF development methodologies</li> </ul>
Environmental Management Practices in Pharmaceutical & Agro-chemical Industries Mumbai, India June 25-26, 2015	<ul style="list-style-type: none"> <li>• Training course focused on the current environmental challenges in pharmaceutical and agro-chemical sector including the recent online monitoring of emissions; effluent treatment methods, handling Volatile Organic Compounds (VOCs) and the environmental implications of a</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the recent order on the online monitoring of emissions prescribed by the State Pollution Control Board</li> <li>• Understand technological innovative measures in treating the effluent from drug and agro-chemical manufacturing and formulation</li> </ul>

	<p>drug manufacturing. This course highlighted the technological management of hazardous and non-hazardous waste, effluent treatment in line with the applicable legal and regulatory framework for pharmaceutical and agro-chemical and its supply chain.</p>	<ul style="list-style-type: none"> <li>• Understand “zero discharge” terminology applicable to pharmaceutical and agro-chemical industry and how to achieve this stage.</li> <li>• Applicable legal and environmental regulations with particular focus on the Charter on Corporate Responsibility for Environment Protection (CREP)</li> <li>• Strategies and cost effective measures for management of air, water and solid waste</li> <li>• Design an integrated environmental management plan and business strategy</li> </ul>
<p>Energy Audit and Energy Performance Benchmarking of Hotels in Chiang Mai, Thailand Chiang Mai, Thailand August 2, 2015</p>	<ul style="list-style-type: none"> <li>• Training program for Hotels for collection of monthly energy data using tool designed by the USAID LEAD program and demonstration of Benchmarking tool</li> </ul>	<ul style="list-style-type: none"> <li>• Training on Filling-in data form &amp; Data Preparation</li> <li>• Reporting of data to the USAID LEAD program</li> <li>• Introduce Benchmark Model and receive feedback from participants</li> </ul>
<p>Recent and upcoming environmental regulations - Maritime Transport September 14, 2015 Mumbai, India</p>	<ul style="list-style-type: none"> <li>• Training course presents various sources of GHG emission and highlight recent updates in various regulations covering different types of emissions by ships as well as their associated social and environmental impacts includes various energy efficiency measures and their abatement potential</li> </ul>	<ul style="list-style-type: none"> <li>• Understand ways to reduce GHG emissions from shipping</li> <li>• Recent and upcoming conventions that addresses environmental sustainability in shipping</li> <li>• Identify opportunities for savings through energy efficiency measures</li> <li>• Treatment of ballast water – regulatory and technical updates</li> </ul>
<p>Regional training on sediment laboratory analysis September 21-25, 2015 Bangkok, Thailand</p>	<ul style="list-style-type: none"> <li>• Build capacity on below-ground sediment analysis for carbon</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the linkage between sediment analysis, carbon stock assessment, and GHG inventory development for wetlands;</li> <li>• Master the concepts and procedures for conducting sediment analysis and practice the application of relevant equipment, tools, and data templates;</li> <li>• Understand requirements for developing sediment analysis, e.g.</li> </ul>

		<p>equipment, tool, technical skills and other laboratory facilities; and</p> <ul style="list-style-type: none"> <li>Identify the challenges and gaps of conducting sediment analysis and seek solutions to address them.</li> </ul>
<p>Session 4 Regional Training on National Inventory Systems, July 29-31, 2015, Manila, Philippines</p>	<ul style="list-style-type: none"> <li>National GHG inventory systems</li> </ul>	<ul style="list-style-type: none"> <li>How to decide which version of the IPCC Guidelines to use, on the basis of understanding the differences between the Revised 1996 IPCC Guidelines and the 2006 version, and of the main improvements in the 2006 Guidelines.</li> <li>The spreadsheets and inventory software that are available for inventory preparation; how to use the IPCC inventory software.</li> <li>How to explain inventory-related challenges in a way that permits others to understand and advice.</li> <li>The uses of national GHG inventories, e.g., GHG emission projections, marginal abatement cost curves, NAMAs, industry partnerships, registries and emission trading systems, and nationally determined contributions.</li> </ul>
<p>Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for TGO, August 3-5, 2015, Bangkok, Thailand</p>	<ul style="list-style-type: none"> <li>CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>TGO is oriented toward the CFO V2.0 program, the online reporting platform, and reporter training materials so that TGO is familiar and comfortable with the content, and confident to train reporters on an ongoing basis;</li> <li>TGO is familiar with the suite of administrator, reporter, and verifier tools and guides;</li> <li>TGO program administrators are intensively trained in the online reporting platform;</li> </ul>
<p>Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for</p>	<ul style="list-style-type: none"> <li>CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>Consultants and verifiers are oriented toward the revised reporting and verification guidelines of CFO V2.0 and its online reporting platform so they</li> </ul>



Consultants and Verification Bodies, August 6, 2015, Bangkok, Thailand		know how to operate within this framework and are comfortable supporting reporters through the program.
Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for Reporters, August 7, 2015, Bangkok, Thailand	<ul style="list-style-type: none"> <li>• CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>• Reporters are oriented toward the revised reporting and verification guidelines of CFO V2.0 and its online reporting platform so they understand the benefits associated with the program and know how to measure, report, and verify their GHG emissions.</li> </ul>
Energy Efficiency in Hotels, August 18, 2015, Chiang Mai, Thailand	<ul style="list-style-type: none"> <li>• Training on Energy Audits in the Hospitality sector with a focus on the functionality of the monthly data submission format and the benchmarking tool</li> </ul>	<ul style="list-style-type: none"> <li>• Training on filling-in monthly data form;</li> <li>• Understanding the energy benchmarking tool and its application.</li> </ul>

### 3. INTEGRATION OF CROSSCUTTING ISSUES AND USAID FORWARD PRIORITIES FOR FY 2014: KEY ACHIEVEMENTS

#### 3.1 Gender Equality and Empowerment

During this fiscal year, the LEAD program has made substantial progress in mainstreaming gender activities across LEAD's program activities. The mainstreaming approach has focused on empowering women to be gender champions and creating awareness of gender and climate change mitigation issues in the region. LEAD conducted the following gender activities during FY 2015:

- Incorporated gender considerations for the TBL/MCA training course and facilitated in-person practical exercises that introduce basic gender concepts during the regional TBL/MCA training in Chiang Mai, Thailand from November 18-21, 2014; revisions to the approach focused on addressing gender during the tool's data collection and analysis phases;
- Coordinated the involvement of Women Organizing for Change in Agriculture and Natural Resource Management (WOCAN) to serve on a panel entitled "Improved social inclusion", that took place during the Asia LEDS Forum on November 11, 2015; WOCAN also participated in the Marketplace session and showcased the W+ Standard for renewable energy projects in Nepal that calculated impacts in regards to time savings for women and women's empowerment; and
- Developed a concept note to address gender considerations in the green growth action plan development process for Thanh Hoa, Vietnam.

- Re-engaged with the Business Professional Women’s Association (BPW) Thailand and discussed several activities detailed in the FY 2015 and FY 2016 addressing women’s leadership and green growth; continued our technical support to BPW Thailand to develop the award for Outstanding Women Business Leaders for Green Growth 2015 in Thailand. A call for nominations for the award was announced in Thai newspapers and social media channels in the third quarter. During the fourth quarter, LEAD facilitated the development of award criteria including questions about green growth and gender activities. LEAD facilitated the award selection process, which resulted identifying nine award recipients. USAID Mission Director Beth S. Paige will present the winners the 2015 award at a gala dinner on October 3, 2015.
- Finalized a draft of a LEAD gender fact sheet that focuses on gender and mitigation and the purpose of conducting a gender analysis; fact sheet has been shared with USAID/RDMA in Q4 for review and final approval; and
- Supported two gender champions representing the Thanh Hoa Women’s Union and the Department of Natural Resources and Environment in Thanh Hoa, Vietnam to attend the USAID LEAF program’s Training of Trainers (TOT) on Gender-Integration in Climate Change and REDD+ workshop held May 26 -30, 2015 in Bangkok, Thailand. The TOT is the fourth in the series of workshops in USAID LEAF’s Asia-Pacific Leadership Program on Gender and Climate Change; Continued to plan for the integration of gender for Thanh Hoa’s GGAP. The Thanh Hoa Women’s Union agreed to support a gender sub-working group and also submitted a GGAP to the Department of Planning and Investment that outlines gender mainstreaming strategies and activities.

## 3.2 Performance Management

The USAID LEAD team documented program results that contribute to the program’s goal, objectives, and annual targets during each quarter in FY 2015. LEAD’s Monitoring and Evaluation (M&E) Manager, in collaboration with technical managers in the LEAD program, developed and implemented monitoring instruments to follow-up on LEAD’s technical and capacity activities. Several key M&E related activities have been conducted during this fiscal year:

- Compiled program results for FY 2014 and submitted a detailed annual and fourth quarter progress to USAID/RDMA on October 31, 2014. The annual report also included results and narrative summaries from each of the US government agencies (USDA/FS, USEPA, and NREL) that reported on indicators and targets that were identified in the LEAD program Integrated PMP;
- Conducted detailed work planning sessions with LEAD’s senior management and task managers; reviewed results to date and indicator targets to determine areas where additional resources are needed to ensure sustainability of program activities;
- Conducted a briefing on the LEDS-SAT (LEDS Self-Assessment Tool) monitoring tool for LEAD’s COR and USAID/RDMA’s Strategic Information Officer. The next steps will include a revision of the tool’s Tier Two questions to better reflect higher level results;

- Below are specific monitoring tools that were developed during FY 2015 (these are available upon request):
  - A tracking tool to monitoring pre/post training assessments and follow-up to better monitor and document training outcomes for LEAD program training events;
  - A monitoring checklist to document activities and completion of work products for LEAD's indicator #8 (development of a registry) under Task 4;
  - A monitoring tool for development and implementation of subnational LEDS under Task 3 for LEAD's indicator #6 (*Number of sub-national LEDS developed or improved as a result of USG assistance*);
  - Pre-training assessments for GsT and LEAP training workshops in Thanh Hoa and the NIS training workshop in Manila, Philippines. Assessment results are used to better target content to participant experience and expectations and will also serve as a baseline for follow-up.
  - As part of the plan to strengthen the ALP platform, developed a 'participation tracking document' to document monetary and non-monetary contributions of ALP members.
  - A six month follow-up online survey of all ALP Forum participants to determine applications of skills and knowledge; and
  - Monitoring tools for next quarter regional training workshops in national inventory systems and emission factor development.
- Conducted a comprehensive institutional assessment of BCCI and its Sustainability Committee in Mumbai, India to identify conditions that need to be in place to help members better address corporate sustainability. Assessment results formed the development of an action plan that identifies areas to address for institutional strengthening;
- Reviewed ALP's strengthening plan to document LEAD program activities for FY 2014 and develop activities for FY 2015. This was conducted to be able to report platform strengthening milestones under LEAD's indicator #3 (*Number of regional environmental platforms created or strengthened as a result of USG assistance*);
- Developed an assessment matrix to evaluate the progress and achievement of EC-LEDS Thailand work plan. The assessment included questions that addressed Thailand's development, adoption and implementation of LEDS and engagement in international negotiations. The final assessment matrix has been shared with relevant USAID/RDMA implementing partners;
- Compiled program results for Q1-3 FY 2015 and submitted a detailed quarter progress reports to USAID/RDMA; and
- Compiled the LEAD program Agency Priority Goals targets for FY 2016 and results and narratives for FY 2015.

### 3.3 Communications and Outreach

During this fiscal year, communication efforts of the USAID LEAD program focused on publicizing and reporting on USAID LEAD and partner organizations' activities and impacts, as well as the broader goals and mission of USAID/RDMA and other USG partners; supporting outreach and engagement with stakeholders; and facilitating the implementation and success of program objectives. USAID LEAD's Communications Manager, in collaboration with the LEAD technical team and partners, undertook a wide variety of activities, with highlights summarized below.

A key focus area in FY 2014 was communications and outreach support for the broader successes of USAID LEAD. Communication support was provided for a number of regional and country-level **events and trainings** in FY 2015, including a sediment analysis training in September 2015, the launch of TGO 2.0 in July 2015, and an outreach opportunity at the Regional Conservation Forum hosted by IUCN in August 2015. Support was also provided for GHG inventory capacity building workshops in Thailand and the Philippines; and field training in Cambodia on the mangrove carbon assessment protocol.

During FY 15, the USAID LEAD team has made a concerted effort to provide useful materials to USAID RDMA for use on their Facebook pages and web sites, developing "vignettes," or mini success stories that fit the narrative of regional climate change efforts by USAID implementing partners. This includes helping to organize a trip to film a video for COP 21 in the mangroves of southwestern Cambodia, an idea proposed to USAID RDMA by USAID LEAD. The communications teams also hired a design team to support a streamlined development of products (banners, roll-ups, templates.).

In addition, the communications team has tried to use innovative ways of communicating USAID LEAD's successes: examples include starting a Facebook page for NIS attendees; working with other USAID REO projects' communications staff in presenting a "unified" narrative; encouraging RDMA involvement in the Green Growth Award led by the Business and Professional Women's Association of Thailand and working with the Chiang Mai Hotel Association to publicize its work with USAID LEAD on monitoring and improving energy efficiency in their hotels. USAID LEAD also volunteered to coordinate a presentation on the work done by the program (and other USAID RDMA environment projects) in the mangroves of southeast Asia at a regional resilience forum hosted by IUCN.

As Secretariat of the Asia LEDS Partnership, the USAID LEAD team continues to implement a communications plan for the partnership that includes development of a visual identity and draft branding guidelines, a fact sheet, quarterly e-newsletter, event displays, and other promotional materials to support awareness and establishment of the network. USAID LEAD also provided significant communication support for the **Asia LEDS Forum 2014** (held in FY 15) in Yogyakarta, Indonesia, support included promotion of the event theme through social and

traditional media; branding and event design; managing the Forum website; drafting of speeches and presentations; and making available online almost 100 presentations given at the forum. Videos of key speeches and a unique “shadow” performance about LEDS were produced, drawing several thousand views on YouTube.

Broad support for ALP communication, including outreach and recruitment, included development and dissemination of quarterly **e-newsletters** and ad hoc announcements that now reach approximately 1,400 subscribers. Following the launch of **social media** sites for the partnership including Facebook, YouTube, Flickr, and Twitter, there has been a subsequent doubling of followers on those sites since spring 2015. The communications manager has also advanced planning for the upcoming regional workshop on “Mobilizing Investment for LEDS in Asia’s Agriculture Sector.”

## 4. STAKEHOLDER PARTICIPATION AND INVOLVEMENT IN FY 2015

**Table 3: Stakeholders by Country in FY 2015**

Country	Organization	Relevant Task(s) and Activities
Bangladesh	<ol style="list-style-type: none"> <li>1. Department of Environment, Ministry of Environment and Forests (MoEF)</li> <li>2. Department of Environment, Ministry of Power, Energy and Mineral Resources</li> <li>3. Ministry of Environment &amp; Forests Planning - Planning Commission</li> <li>4. Sustainable and Renewable Energy Development Authority</li> <li>5. Ministry of Planning – Planning Commission</li> <li>6. Department of Livestock Services</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.1: National GHG Inventory Capacity Building in Bangladesh</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>
Cambodia	<ol style="list-style-type: none"> <li>1. Ministry of Economy and Finance</li> <li>2. Ministry of Public Works and Transport</li> <li>3. Ministry of Environment – Climate Change Division</li> <li>4. Ministry of Agriculture, Forestry and Fishery</li> <li>5. Ministry of Agriculture, Forestry and Fisheries --Department of Forestry Administration</li> <li>6. Ministry of Agriculture, Forestry and Fisheries-- Department of Fisheries</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.2: National GHG Inventory Capacity Building in Cambodia</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>
China	<ol style="list-style-type: none"> <li>1. National Development and Reform Commission (NDRC)</li> <li>2. National Center for Climate Change Strategy and International Cooperation (NCSC)</li> </ol>	<p>Subtask 4.2: Support a GHG reporting program (GHGRP) in China</p>
Indonesia	<ol style="list-style-type: none"> <li>1. Indonesian Agency for Meteorological, Climatological and Geophysics (BMKG)</li> <li>2. Ministry of Environment</li> <li>3. Ministry of Finance</li> <li>4. Ministry of Home Affairs</li> <li>5. Ministry of National Development Planning (BAPPENAS)</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>

Country	Organization	Relevant Task(s) and Activities
	6. National Council on Climate Change (DNPI)	
Laos	<ol style="list-style-type: none"> <li>1. Department of Forestry</li> <li>2. Ministry of Natural Resources and Environment</li> <li>3. Natural Resource and Environment Department – Houaphan Province</li> <li>4. Provincial Agriculture and Forestry Office</li> </ol>	Subtask 6.1: Secretariat for the Asia LEDS Partnership
Malaysia	<ol style="list-style-type: none"> <li>1. Economic Planning Unit, Prime Minister's Department</li> <li>2. Land Public Transport Commission</li> <li>3. Malaysian Green Technology Corporation</li> <li>4. Melaka Green Technology Corporation</li> <li>5. Ministry of Energy, Green Technology and Water</li> <li>6. Prasarana Malaysia Berhad</li> <li>7. Ministry of Natural Resources and Environment</li> <li>8. Institute of Energy Policy and Research (IEPRe) and College of IT, UNITEN</li> <li>9. Ministry of Agriculture and Agro-Based Industry</li> <li>10. Department of Statistics</li> <li>11. Department of Veterinary Services, Ministry of Agriculture and Agro-Based Industry</li> <li>12. Forest Research Institute Malaysia</li> <li>13. Malaysian Agricultural Research and Development Institute</li> <li>14. Malaysia Aquaculture Development Association (MADA)</li> <li>15. Kemubu Agricultural and Development Authority (KADA)</li> <li>16. Kawasan Pembangunan Pertanian Bersepadu (IADA)</li> <li>17. Department of Environment, Air Division</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.2: National GHG Inventory Capacity Building in Malaysia</p>
Nepal	<ol style="list-style-type: none"> <li>1. Alternative Energy Promotion Center</li> <li>2. Department of Forest Research and Survey</li> </ol>	Subtask 6.1: Secretariat for the Asia LEDS Partnership

Country	Organization	Relevant Task(s) and Activities
	<ol style="list-style-type: none"> <li>3. Ministry of Agriculture Development</li> <li>4. Ministry of Federal Affairs and Local Development</li> <li>5. Ministry of Science, Technology and Environment</li> <li>6. Alternative Energy Promotion Center</li> <li>7. National Planning Commission</li> <li>8. Department of Forest Research and Survey</li> <li>9. Ministry of Agriculture Development</li> <li>10. Ministry of Federal Affairs and Local Development</li> <li>11. Ministry of Science, Technology and Environment</li> <li>12. Ministry of Forest and Soil Conservation</li> <li>13. National Planning Commission</li> <li>14. Ministry of Science Technology and Environment (TNC Project)</li> <li>15. Ministry of Science Technology and Environment, Research and Development</li> <li>16. REDD Implementation Centre, Ministry of Forest and Soil Conservation</li> <li>17. Institute of Engineering, Tribhuvan University, Climate Change and Development</li> </ol>	Subtask 2.0: Region-Wide National GHG Inventory Capacity Building
Papua New Guinea	<ol style="list-style-type: none"> <li>1. Department of National Planning and Monitoring</li> <li>2. Office of Climate Change and Development</li> </ol>	Subtask 6.1: Secretariat for the Asia LEDS Partnership
Philippines	<ol style="list-style-type: none"> <li>1. Climate Change Commission</li> <li>2. Department of Environmental and Natural Resources</li> <li>3. Development Bank of the Philippines</li> <li>4. Energy Policy and Planning Bureau</li> <li>5. Local Government of Roxas</li> <li>6. Mindanao Development Authority</li> <li>7. National Economic and Development Authority</li> <li>8. Department of Energy, Energy Policy and Planning Bureau</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.4: National GHG Inventory Capacity Building in Philippines</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>



Country	Organization	Relevant Task(s) and Activities
	<ul style="list-style-type: none"> <li>9. Department of Environment and Natural Resources, Forest Management Bureau</li> <li>10. Department of Transportation and Communications</li> <li>11. Light Rail Transit Authority</li> <li>12. Maritime Industry Authority</li> <li>13. Philippine Statistics Authority, Bureau of Agriculture</li> <li>14. National Solid Waste Management Commission</li> <li>15. Department of Environment and Natural Resources, Environmental Management Bureau, Philippine Ozone Desk</li> <li>16. Department of Environment and Natural Resources, Environmental Management Bureau, Environmental Impact Assessment</li> <li>17. National Mapping and Resource Information Authority</li> <li>18. Department of Agriculture, Bureau of Soils and Water Management</li> <li>19. Water Quality Management Section, EMB</li> <li>20. NSWMC-EMB</li> <li>21. EMB-CCD</li> <li>22. Department of Environment and Natural Resources-Biodiversity Management Bureau (BMB)</li> <li>23. Department of Energy-Energy Research and Testing Laboratory Services (DOE-ERTLS)</li> <li>24. Department of Energy-Renewable Energy Management Bureau (DOE-REMB)</li> <li>25. Department of Energy-Electric Power Industry Management Bureau (DOE-EPIMB)</li> <li>26. Department of Energy-Oil Industry Management Bureau (DOE-OIMB)</li> <li>27. Department of Energy-Energy Policy and Planning Bureau (DOE-EPPB)</li> <li>28. Energy Regulatory Commission (ERC)</li> </ul>	<p>Subtask 5.1: Technical Assistance for CO2 Emission Factor Development for Mobile and Stationary Combustion for the Philippines</p>

Country	Organization	Relevant Task(s) and Activities
	<ul style="list-style-type: none"> <li>29. Department of Transportation and Communications (DOTC)- Road Transport Planning Division</li> <li>30. Department of Transportation and Communications (DOTC)-Water Transport Planning</li> <li>31. Maritime Industry Authority (MARINA)</li> <li>32. Light Rail Transit Authority (LRTA)</li> <li>33. Civil Aviation Authority of the Philippines (CAAP)</li> <li>34. Climate Change Commission</li> <li>35. Department of Environment and Natural Resources-Forest Management Bureau (DENR-FMB)</li> <li>36. Department of Environment and Natural Resources-Environmental Management Bureau (DENR-EMB)</li> <li>37. Department of Environment and Natural Resources-Biodiversity Management Bureau (DENR-BMB)</li> <li>38. Philippine Statistics Authority - Bureau of Agricultural Statistician (PSA-BAS)</li> <li>39. Department of Agriculture-Bureau of Soils and Water Management (BSWM)</li> <li>40. National Mapping and Resource Information Authority (NAMRIA)</li> <li>41. UNDP-LECB</li> <li>42. ICRAF</li> <li>43. USAID B+WISER</li> <li>44. NSWMC-EMB</li> <li>45. Clean Air Asia</li> <li>46. USAID B-LEADERS</li> </ul>	
Thailand	<ul style="list-style-type: none"> <li>1. Chiang Mai Municipality</li> <li>2. Royal Forestry Department</li> <li>3. Thailand GHG Management Organization (TGO)</li> <li>4. Department of National Parks, Wild life and Plant Conservation</li> <li>5. Department of Marine and Coastal Resources</li> <li>6. Iron and Steel Institute of Thailand</li> <li>7. Kasetsart University, Environmental Technology and Management</li> </ul>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 4.1: Technical Assistance for GHG Registry Establishment in Thailand and Regional Knowledge-Sharing</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p>

Country	Organization	Relevant Task(s) and Activities
	<ul style="list-style-type: none"> <li>8. United Nations Development Programme (UNDP)</li> <li>9. Mahidol University, Social and Environmental Medicine</li> </ul>	<p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p> <p>Subtask 3.3: Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in the Regional Tourism Sector through a Phased Approach Starting in Thailand</p>
Vietnam	<ul style="list-style-type: none"> <li>1. Institute of Agriculture</li> <li>2. Institute of Energy</li> <li>3. Ministry of Agriculture and Rural Development</li> <li>4. Ministry of Planning and Investment</li> <li>5. Thanh Hoa's Provincial People's Committee</li> <li>6. Thanh Hoa Department of Foreign Affairs</li> <li>7. Thanh Hoa Department of Planning and Investment</li> <li>8. Thanh Hoa Forestry Protection and Development Fund</li> <li>9. Thanh Hoa Women's Union</li> <li>10. Vietnam Administration of Forestry</li> <li>11. Vietnam Institute of Meteorology, Hydrology and Climate Change</li> <li>12. Center for Technology Responding to Climate Change</li> <li>13. Ministry of Natural Resources and Environment, Department of Meteorology, Hydrology and Climate Change <ul style="list-style-type: none"> <li>a. Division of International Cooperation and Science-Technology</li> <li>b. Center for Technology Responding to Climate Change</li> </ul> </li> </ul>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p> <p>Subtask 3.1: Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in Vietnam</p> <p>Task 6.6: Enhanced support for Green Growth Planning in Thanh Hoa Province, Vietnam</p> <p>Subtask 2.5: National GHG Inventory Capacity Building in Vietnam</p>

Country	Organization	Relevant Task(s) and Activities
	c. Division of Mitigation Technologies 14. Ozone Layer Protection Center	

#### Regional organizations:

- Association of Southeast Asian Nations (ASEAN) Secretariat
- Asia LEDS Partnership (ALP)
- Asian Development Bank (ADB)
- United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

#### Research Institutions and Universities:

- Climate Bonds Initiative
- Energy research Centre of the Netherlands (ECN)
- Integrated Research and Action for Development (IRADe)
- The Energy Research Institute (TERI)
- Mitsui Global Strategic Studies Institute
- United Nations University Institute of Advanced Studies, Japan
- World Agroforestry Centre
- Note: Many research institutes and universities attended the Asia LEDS Forum 2014 from across Asia. See participant list at: [http://forum2014.asialeds.org/wp-content/uploads/2014/11/Asia-LEDS-Forum-2014\\_Final-List-of-Participants.pdf](http://forum2014.asialeds.org/wp-content/uploads/2014/11/Asia-LEDS-Forum-2014_Final-List-of-Participants.pdf)
- Association of Southeast Asian Nations (ASEAN) Secretariat
- Asia LEDS Partnership (ALP)
- Asian Development Bank (ADB)
- United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
- Chiang Mai University
- Kasetsart University, Thailand
- Royal University of Agriculture, Cambodia
- Royal University of Phnom Penh, Cambodia
- Thammasat University, Thailand
- Phayao University, Thailand
- Walailak University, Thailand
- University Putra Malaysia (UPM)
- University Kebangsaan Malaysia (UKM)
- Chulalongkorn University
- Vietnam Academy of Forest Science
- Department of Ecology and Environment, Forest Science Institute of South Vietnam
- UNDP/NRE-LECB Project
- University Putra Malaysia (UPM)

- University Kebangsaan Malaysia (UKM)
- Universiti Tenaga Nasional, Department of Electrical Power Engineering, and Department of Mechanical Engineering
- MARDI, Agrobiodiversity and Environment Research Centre
- Forest Research Institute Malaysia (FRIM), Forestry and Environment Division
- Institute of Energy Policy and Research (IEPre) and College of IT, UNITEN, Malaysia
- University Putra Malaysia (UPM), Malaysia
- University Kebangsaan Malaysia (UKM), Malaysia
- Universiti Tenaga Nasional, Department of Electrical Power Engineering, and Department of Mechanical Engineering, Malaysia
- Forest Research Institute Malaysia (FRIM), Forestry and Environment Division, Malaysia
- Institute of Engineering, Tribhuvan University, Climate Change and Development, Nepal
- Kasetsart University, Environmental Technology and Management, Thailand
- Mahidol University, Social and Environmental Medicine, Thailand
- Indonesian Agriculture Environment Research Institute
- Indonesian Centre of Animal Research and Development

**Associations and NGOs:**

- Bombay Chamber of Commerce and Industry (BCCI)
- Center for Study of Science, Technology and Policy (CSTEP)
- Clean Air Asia Global Environment Centre
- ICLEI – Local Governments for Sustainability
- Korea Green Growth Partnership
- The Gold Standard Foundation
- Women Organizing for Change in Agriculture and Natural Resource Management (WOCAN)
- World Resources Institute (WRI)
- Thai Hotel Association, Chiang Mai, Thailand
- Malaysia Aquaculture Development Association (MADA), Malaysia
- Clean Air Asia
- The Business and Professional Women's Association Of Thailand Under The Royal Patronage of H.M. The Queen

**Other donors (not listed above):**

- Climate and Development Knowledge Network (CDKN)
- European Commission - Europe-Aid Development and Co-operation Directorate-General
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Global Green Growth Institute (GGGI)
- Intergovernmental Panel on Climate Change (IPCC)
- International Finance Corporation (IFC)

- Japan International Cooperation Agency (JICA)
- Korea International Cooperation Agency (KOICA)
- LEDS Global Partnership
- National Renewable Energy Laboratory (NREL)
- Organization for Economic Co-operation and Development (OECD)
- SWITCH-Asia Network Facility
- United Nations Development Programme (UNDP)
- United Nations Environment Programme (UNEP)
- USAID-funded Lowering Emissions in Asia's Forests (LEAF) program
- USAID-funded Private Finance Advisory Network Asia (PFAN-Asia) program
- US Forest Service
- World Bank
- Food and Agriculture Organization (FAO)

**Private Companies in Chiang Mai, Thailand:**

- Ping Nakara Boutique Hotel & Spa
- Rati Lanna Riverside Resort and Spa
- Anatara Chiang Mai Resort and Spa
- Imm Hotel Thaphae Chiang Mai
- Furama Chiang Mai
- Siripanna Villa Resort and Spa Chiang Mai
- Suriwongse Hotel
- Lotus Pang Suan Keaw Hotel
- Holiday Garden
- Duangtawan Hotel
- Pornping Tower Hotel
- The Imperial Mae Ping Hotel
- Holiday Inn Chiang Mai
- Empress Hotel
- Ibis Style Hotel

**Private Companies in Mumbai, India:**

- Excel Ind Ltd (Roha)
- Environmental Management Centre (ERM)
- Reliance Industries Ltd.
- The Tata Power Company Limited
- Environmental Management Centre
- Reliance Cements
- Tata Steel

## 5. KEY FY 2015 IMPLEMENTATION CHALLENGES

### Challenge and Response:

The key implementation challenges in FY 2015 were:

- **Training Center.** As a result of discussions related to the USAID LEAD program’s mid-term evaluation, USAID instructed the program to merge the work of its training center – the Asian Greenhouse Gas Management Center (AGMC) housed at the Asian Institute of Technology – with the program’s work as Secretariat of the Asia LEDS Partnership. This necessitated significant changes in the program’s approach – both strategically and operationally – to meeting training needs, and resulted in two parallel approaches: 1) the program would continue to deliver task-specific training through modifying a protocol that AGMC had developed; and 2) the ALP would take on the role of “curating” existing training programs using its on-line presence.
- **Spending Rate.** The USAID RDMA COR advised the USAID LEAD program on June 1, 2015 that the program should manage its work to ensure that it can “stretch” its currently obligated funds through November 30, 2015. In response, the program completed a detailed analysis of projected spending from June through November, 2015. This analysis showed that, since it was planning to intensify activities as it entered the final year of the program, the program’s projected spending by November would exceed the currently obligated funding level by that point. The USAID LEAD recommendation, which the COR accepted, was that in order for the program to moderate its spending from June through November 2015, it would postpone the following three activities until receiving the final incremental funding obligation:
  - Postpone the Task 2 Winter Institute (and the associated preparatory work) that was scheduled for November 2015.
  - Postpone the Task 5 Emission Factor workshop on Enteric Fermentation, and preparatory work, initially scheduled for August 2015. The other Task 5 workshop, on methane emissions from rice, would proceed as planned.
  - Postpone CEGIN technical studies scheduled initially for July – November, 2015. The routine CEGIN coordination functions would proceed as planned.

With these three activity postponements, coupled with careful project management, USAID LEAD will remain within the current funding obligation through November 2015.

## 6. FY 2015: MANAGEMENT AND ADMINISTRATIVE ISSUES

### STAFFING.

**Staffing.** In December 2014, ICF hired Ms. Imporn Arbutra as a **Junior Program Assistant** who will work closely with Mr. Joshua Forgotson on Task 2 activities. Ms. Arbutra resigned in April 2015.

A second **Junior Program Assistant**, Ms. Panicha Vornpein, started employment at the beginning of January 2015. She will work closely with Sandra Khananosit on Asia LEDS Partnership Secretariat activities and replaces Ms. Benjarus Wattanapichedpong, who resigned in FY2015 Quarter 1.

In January 2015 of this quarter, Mr. Stanford Smith resigned from the position of **Communications Manager**. After a period of recruitment, ICF identified and hired Ms. Natasha Burley on April 27, 2015.

Ms. Jaruluck Sriyaphai, the **LEAD Travel & Events Manager**, resigned from the USAID LEAD program in February 2015 and her duties have been filled by Ms. Thida Ruengsit. The position of **Office Manager** was filled by Ms. Bangorn Sirodom in July 2015.

In February 2015, the vacant position of the **Forest Carbon Advisor** was filled by Ms. Natcha Tulyasuwan, who is employed by Engility, a subcontractor of ICF for the USAID LEAD Program.

Dr. Chaiwat Muncharoen resigned at the end of March 2015 from the position of **Director of the Asia Greenhouse Gas Management Center**. This position will not be filled as the AGMC has been closed as a platform under the USAID LEAD program. Two staff (Mr. Sittisak Sugsaisakon and Ms. Thida Tieng) that were hired through ICF's subcontractor the Asian Institute of Technology (AIT) to support the AGMC will continue to be employed, but the assigned duties have been changed to support Task 3 and Task 2 activities.

The position of the **CCD & Country Coordinator in Cambodia** had remained vacant in FY 2015, despite efforts to recruit and employ a Cambodian national. ICF (in collaboration with the Cambodian CCD) has agreed to implement the work plan described in the MOU by using existing staff resources (Ms. Thida Tieng) based in the LEAD Office in Bangkok.

**Table 4: LEAD Program FY 2015 Staff**

Name/Title	Title	Status
<b>Bangkok Field Office - Expatriate Staff</b>		
John Bruce Wells	Chief of Party	LTTA
John Wildgrube	Deputy Chief of Party – Operations	LTTA
Joshua Forgotson	Sr. Regional Technical Program Officer	LTTA
Sujata Ram	M&E Manager	LTTA
Natasha Burley	Communications Manager	LTTA
<b>Bangkok Field Office – National Staff</b>		
Amornwan Resanond	Deputy Chief of Party – Technical	LTTA



Sandra Khananusit	Sr. Regional Technical Officer	LTTA
Natcha Tulyasuwan (Engility)	Forest Carbon Advisor	LTTA
Panicha Vornpien	Program Assistant	LTTA
Radtasiri Wachirapunyanont	Program Assistant	LTTA
Sittisak Sugsaisakon (AIT)	Program Assistant	LTTA
Thida Tieng (AIT)	Program Assistant	LTTA
Bangorn Sirodom	Office Manager	LTTA
Thida Ruengsit	Travel & Events Manager	LTTA
<b>LEAD Program Country Coordinators</b>		
Utpal Bhattacharjee	Country Coordinator - Bangladesh	Part Time
Sumedha Malaviya	Country Coordinator - India	LTTA
Arian Ardie	Country Coordinator - Indonesia	Part Time
Mohamad Adan Yusof	Country Coordinator - Malaysia	Part Time
Raju Laudari	Country Coordinator - Nepal	Part Time
Jo Mangila-Tioseco	Country Coordinator - Philippines	Part Time
Nguyen Khanh Quoc	Country Coordinator - Vietnam	Part Time
<b>Home Office and Remotely Located Technical Staff</b>		
Marian Van Pelt (Washington DC)	Engagement Manager	Part Time
Sophie Chou (San Francisco, CA)	Task 4 Support	Part Time
Lauren Marti (Washington DC)	Task 2 Support	Part Time
Toby Hedger (Washington DC)	Task 5 Support	Part Time
Pam Mathis (San Francisco, CA)	ALP Training Support	Part Time
Laura Bell (Washington, DC)	Senior Project Manager	Part Time

## Financial Overview for FY 2015

### LEAD Program Annual FY 2015 Financial Overview

<b>Financial Situation for this Fiscal Year</b>	
Contract Budget	\$21,549,871
Annual Invoice Expenditures (October 2014 -September 2015)	\$5,016,424
Cumulative Invoice Expenditures (Up to September 2015)	\$16,750,769
Accruals	\$343,185
Contract Balance	\$4,455,917

## FY 2015 Quarter 4 Progress Report

### 6.1 Quarter 4: Implementation Status by Performance Result and Subtask

The following narrative uses the results framework of the approved PMP to summarize implementation progress during the Quarter 4 (Q4) of FY 2015 (July 1, 2015 – September 30, 2015):

#### **DO: Institutions, platforms, and initiatives to catalyze LEDS in Asia established or strengthened**

##### **Subtask 6.1—Asia LEDS Partnership Secretariat**

*Background:* The ALP was formally established in the first quarter (Q1) of FY 2013, with a governing Steering Committee and two-Co-Chairs, LEAD as the Secretariat, a terms of reference, and a work plan to guide activities.

##### *Expected Outcomes for FY 2015 Q4:*

The USAID LEAD team anticipates the following activities and outcomes in Q4: (1) Advance planning for regional workshop on “Mobilizing Investment for LEDS in Asia’s Agriculture Sector, October 28-30, 2015 in Ho Chi Minh City, Vietnam; (2) design and deliver one or more webinars in topics identified in the Asia LEDS Partnership work plan; (3) develop up to two cases studies on economic benefits resulting from LEDS policies and/or climate finance readiness, and/or issue briefs on “hot topics” raised by members; (4) lead efforts by the LEDS GP to develop a new award program for LEDS leaders within the network; (5) develop new pages/sections in the Asia LEDS Knowledge Portal to streamline access to selected information; (6) issue a quarterly newsletter; (7) issue and review request for proposal responses and work with committee to select a new Secretariat; (8) secure a “challenge grant” to fund a Secretariat and (9) develop “leadership” portraits of particularly committed and engaged ALP members, to share on social media, with the ALP membership and with USAID RDMA.

##### *Achievements during FY 2015 Q4:*

- (1) USAID LEAD has advanced planning for the regional workshop on “Mobilizing Investment for LEDS in Asia’s Agriculture Sector”. This included: coordinating with the host, USAID Vietnam, and key partners on design and logistics elements; finalizing event sponsors and their contributions; finalizing participant selection, invitation, and tracking RSVPs; expanding the event webpages to publicize the workshop and building new webpages confirming program elements including keynotes, case presenters, and training session organizers; developing a communications strategy and collateral; and additional necessary tasks as required.
- (2) USAID LEAD supported a webinar led by the International Partnership on Mitigation and MRV, on “Linking NAMAs and INDCs” in July 2015, and disseminated content to members. In addition, USAID LEAD designed a three-part webinar series on “Tools to Help Advance Low Emission Energy Planning in Asia” and secured agreement from the LEDS GP Energy Working Group to co-host the series. Series objectives include: building awareness of and demonstrating tools for energy planning among potential users in Asia, highlighting examples of application, and showing use of tool outputs for policymaking. USAID LEAD is now scheduling sessions with tool owners from International Atomic Energy Agency, NREL, and Stockholm Environmental Institute. Delivery will begin in Q1 FY 2016.
- (3) USAID LEAD authored a case study on “Low Emission Transport in Malaysia – A Focus on Bus Rapid Transit” to highlight use of various co-benefits assessment tools to support planning and decision

making, and the benefits resulting from this LEDS (e.g., environmental, social, economic). This draft case is pending additional review and revision by organizations featured. The case will be released in Q1 FY 2016.

- (4) USAID LEAD led the design and roll-out of the first-ever awards program for the LEDS GP, including identifying award categories and selection criteria, designing and implementing a promotion and outreach strategy, developing systems to collect and screen nominations, forming an award judging committee, facilitating the judging process, and delivering results to the LEDS GP. Three winners, one in each award category (i.e., Leading LEDS Design, Acting on LEDS Implementation, and Achieving Results in LEDS), were selected and will be recognized at the LEDS GP Annual Meeting in the Dominican Republic in October 2015. The winner for Achieving Results in LEDS is a community leader in Thailand, who is also an awardee in the USAID LEAD supported “Green Growth Award” of the Business Professional Women’s Association in Thailand.
- (5) USAID LEAD developed and launched a new section on the ALP website to feature training curricula on LEDS topics. [See Task 6.2 for more details.]
- (6) The ALP quarterly newsletter to be issued in September 2015 was postponed to October 2015 due to the high volume of mailings being sent by the LEDS GP to its and ALP members in the lead-up to the LEDS GP Annual Meeting in the Dominican Republic in mid-October. The October ALP newsletter will feature the upcoming ALP workshop on mobilizing investment for LEDS in agriculture, launch of new training pages on the ALP website, and new contributing blog authors for the ALP website.
- (7) USAID LEAD prepared and issued a request for proposals for ALP Secretariat Services in July 2015 to 16 shortlisted organizations, and conducted a detailed review of the 14 responses received. The top five responses were shared with a selection committee for further scoring per agreed criteria. Composite scores and consideration of clarifying responses led to ICF tentatively selecting a winning candidate with a comprehensive technical approach, extensive network, and credible fundraising ability; administrative processes are still in progress and a formal award will be announced soon.
- (8) USAID LEAD confirmed a commitment from the LEDS GP Secretariat (via NREL) that a portion of global funding stream from the US Department of State and the UK Department for International Development (DFID) will be allocated to support ALP Secretariat operations in FY 2016. The amount to be received by the ALP Secretariat is estimated to be in the range of USD 30,000-50,000, and provides a basis for various forms of “challenge grant” offers in which these funds could become a match for new pledges of other donors and development organizations. In addition, the organization that USAID LEAD selected as new Secretariat has a strong record of fundraising which will help it secure such new resources.
- (9) USAID LEAD engaged three leaders who have been long-standing members of the ALP and who have been key to driving activities and learning within the network: Dr. Doddy Sukadri, formerly LEDS Advisor at Indonesia National Council on Climate Change; Ms. Nguyen Dieu Trinh, Senior Official at Vietnam Ministry of Planning and Investment; and Dr. S.S. Krishnan, formerly Principal Scientist at CSTEP India. USAID LEAD drafted an article to feature the contributions of these persons and their perspectives on value of the ALP, and will finalize written products following in-person interviews scheduled at upcoming LEDS GP and ALP events.

*Expected Outcomes for FY 2016 Q1:* The USAID LEAD team anticipates the following activities and outcomes in Q1: (1) Finalize preparations for and hold regional workshop on “Mobilizing Investment for

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LEDS in Asia's Agriculture Sector," (2) Begin delivery of ALP-Energy Working Group webinar series on "Tools to Help Advance Low Emission Energy Planning in Asia," (3) Develop two "hot topic" issue briefs – one on INDCs and one on financing LEDS implementation, (4) Attend LEDS GP Annual meeting and engage Asian participants, (5) Develop and disseminate quarterly ALP e-newsletters, (6) Track and report progress on ALP indicators, and (7) Develop a checklist to track progress in transitioning roles and capacity strengthening of new ALP Secretariat.

### **Subtask 6.2 — ALP Training Program**

*Background:* As part of USAID LEAD's role as Secretariat of the Asia LEDS Partnership and to help members advance their learning objectives in priority focus areas, LEAD is: enhancing tracking of existing and new training offerings; recommending suitable offerings to members in priority focus areas; convening trainers to deliver content at major partnership events; building partnerships with university networks to facilitate further content dissemination; and seeking to facilitate collaborations to develop new training content in high-interest areas where suitable offerings do not yet exist.

*Expected Outcomes for FY 2015 Q4:* The USAID LEAD team anticipates the following activities and outcomes in Q4: (1) engage academic experts in reviewing the three proposed curricula and seek their interest in being trainers on select content; (2) finalize three curricula and launch new webpages to share this content on the Asia LEDS Partnership website; and (3) finalize the training session selection to offer at the regional workshop on "Mobilizing Investment for LEDS in Asia's Agriculture Sector," October 28-30, 2015.

- (1) *Achievements during FY 2015 Q4:* USAID LEAD, through its country coordinator network and the ALP network, engaged academe and experts in multiple Asian countries to help assess the draft curriculum on "Overview of LEDS and the LEDS Process". Reviewers submitted comments on quality of curriculum content, coverage of topics, and usability for learners. USAID LEAD compiled comments, revised the curriculum to address common suggestions, and informed reviewers of how their inputs shaped the final curriculum. Reviewing organizations included: Ateneo School of Government – Executive Education (Philippines), Clean Air Asia, ICLEI – Local Governments for Sustainability, Institute of Engineering Tribhuvan University (Nepal), Massachusetts Institute of Technology, and experts in India.
- (2) USAID LEAD continued work to compile three training curricula – 1) Overview of LEDS and the LEDS Process, 2) Low Emission Energy Planning and Implementation, and 3) Low Emission Land Use Planning and Implementation – so that members can easily access relevant offerings from numerous sources all via the ALP website. The first curriculum was completed and is comprised of content from 19 organizations worldwide. The curriculum was launched on the ALP website, in a new website section, "Training". The new website section offers user-friendly functions including ability to search training content by level of difficulty, content owner, etc. Activities to promote this curricula via social media and other outreach have begun, and will accelerate in Q1 FY 2016.
- (3) USAID LEAD has finalized the selection of four skills training sessions to be offered at the regional workshop "Mobilizing Investment for LEDS in Asia's Agriculture Sector". Selection was based on interest of participants surveyed and willingness of content owners to develop and deliver content at this venue. Training sessions will be held on October 29 and 30, 2015 and comprise: 1) Identifying and Prioritizing NAMA Options and Designing and Developing NAMAs for Agriculture, presented by

the FAO, 2) Accessing Climate Finance: Practical Steps, presented by GIZ, 3) Implementing Deforestation-Free Supply Chains, presented by SNV, and 4) Innovative Tools to Quantify Carbon Sequestration and GHG Emission for Low Emission Development in AFOLU Sectors, presented by the World Bank.

*Expected Outcomes for FY 2016 Q1:* The USAID LEAD team anticipates the following activities and outcomes in Q1: (1) Complete and launch remaining two online curricula on Low Emission Energy Planning and Implementation and Low Emission Land Use Planning and Implementation, and (2) Develop “tip sheets” based on training sessions delivered at the regional workshop “Mobilizing Investment for LEDS in Asia’s Agriculture Sector”.

### **Subtask 6.3: Supporting the ALP with Development and Dissemination of LEDS-Related Tools and Best Practices**

*Background:* During the USAID LEAD program’s initial stakeholder consultations, and during the 2012, 2013, and 2014 Asia LEDS Forums, ALP members expressed the need to better understand how to use and apply policy analysis tools and methods, and a preference to learn through case studies from neighboring countries. ALP members expressed key priority topics including: financing LEDS, LEDS for the energy sector, climate resilience and LEDS, basic training on LEDS principles, and co-benefits. The 2014 ALP work plan featured elements responding to these needs, and the US-Asia LEDS Program and ALP will continue to facilitate USG support for addressing these needs by developing new tools and methods and helping to introduce them through case studies, and by conducting targeted training and technical assistance in FY 2015.

In 2014, USAID LEAD and the Business and Professional Women's Association (BPW) of Thailand jointly developed an activity to promote green growth among businesses with female ownership or leadership in Thailand by creating an Outstanding Business Women Leaders for Green Growth Award program.

USAID LEAD provided technical assistance in the development of award criteria.

Seven business and professional women have been announced as the award winners. The winners were senior executives from various sectors, including sugar refinery, consumer products, solar power, hotel, courier and small agribusinesses.

(see <https://www.facebook.com/OutstandingWomenLeadersForGreenGrowthAwards>). Award winners received the trophies from Her Royal Highness Princess Soamsawali on June 10, 2015 at Suan Kularb Residential Hall. The Award winners were [Wandee Khunchornyakong](#), [Natthika Wattanavekin Angubolkul](#), [Chananyarak Phetcharat](#), [Kamolnate Kraitrakul](#), [Kobkarn Wattanavrangkul](#), Urairat Adiseth and Luksawan Wongworraikan.

*Expected Outcomes for FY 2015 Q4:* USAID LEAD continues to work with BPW on the 2015 *Outstanding Business Women Leaders for Green Growth Award* program. Activities include the development of the criteria to select the recipients of the awards and support the award ceremony.



Photo: The Selection Committee.

*Achievements during FY 2015 Q4:* USAID LEAD program worked in partnership with BPW to develop the selection criteria based on the Low Emissions Development Strategies (LEDS) concept. BPW received nineteen applications and nine business. The selection was conducted on September 3, 2015. The selection committee comprised of BPW, USAID LEAD, TGO and previous year award winner selected nine professional women as the award winners. They were from a variety of sectors i.e. agriculture, banking, hospitality, commercial and waste management.

*Expected Outcomes for FY 2016 Q1:* The announcement of the recipients of the *Outstanding Business Women Leaders for Green Growth Award* program winners will be organized in October 2015.

#### **Subtask 6.4: AFOLU Working Group**

*Background:* In recognition of the need for an integrated approach to low emission development, USFS and the USAID LEAD program established the Agriculture, Forestry, and Other Land Use Working Group (AFOLU WG) during the Asia LEDS Forum 2013, within the framework of the LEDS Global Partnership. The main objective of the AFOLU WG is to promote and facilitate information, knowledge sharing, and adoption of tools and solutions for climate-resilient, low-emission development across the AFOLU sectors. In its first year, the AFOLU WG mobilized 243 members from across the forestry and agriculture sectors, organized technical sessions on low-emission land use planning and GHG reporting from the AFOLU sector, and is now working on exploring the opportunities for sustainable financing of AFOLU projects. The Global Environment Center based in Malaysia serves as a Secretariat of the Working Group, and activities are currently guided by a Steering Committee comprised of representatives from the Center for International Forestry Research (CIFOR), World Agroforestry Centre (ICRAF), USAID, USFS, United Nations University (UNU), and others.

*Expected Outcomes for FY 2015 Q4:* The USAID LEAD team anticipates the following activities and outcomes in Q4: (1) contribution to the AFOLU WG regional forum on developing and financing AFOLU LEDS in terms of funding participant travel and developing knowledge products; and (2) support for AFOLU WG institutional strengthening by help drafting terms of references for Chair of the AFOLU WG steering committee.

*Achievements during FY 2015 Q4:* The USAID LEAD team achieved the following outcomes in Q4: (1) Developed a knowledge product – *The Analysis of National Commitments on AFOLU LEDS* – based on the analysis of subnational development plans, climate change strategies, and green growth strategies of 11 countries in the Asian Pacific region. Findings were presented at the AFOLU Working Group (WG) event on developing and financing AFOLU LEDS held in Bangkok during July 7-9, 2015. Additional contributions to the event included note-taking and facilitating table discussions; (2) Developed and updated promotional materials for the working group; i.e. flyer; (3) Developed terms of reference for co-chairs, Steering Committee, Secretariat and Technical Support Unit, which were circulated among the

Steering Committee members for comments; (4) Conducted additional outreach to African Regional Platform (ARP) of the LEDS Global Partnership and CIFOR. As a result, it has a representative from ARP and CIFOR as one of its Steering Committee members; (5) Supported ALP Annual Event preparation – travel participants (LEAF), moderator role and connections with potential speakers, including a training session on the World Bank’s EX-Ante Carbon-balance Tool; (6) Revised the framework document and the WG’s vision, goals and offers; and (7) Prepared a training session to deliver at LEDS GP, Dominican Republic during October 14-16, 2015.

*Expected Outcomes for FY 2016 Q1:* The USAID LEAD team anticipates the following activities and outcomes in 2016 Q1: (1) contribution to knowledge product development for COP 21 and side events; (2) support and participation at the Climate Finance ALP event from October 28-30, 2015; (3) additional outreach to expand the Steering Committee; and (4) delivery of a training session at LEDS GP Annual Forum from October 14-16, 2015.

#### **Subtask 6.5: United States-Thailand Cooperation on Enhancing Capacity for Low Emission Development Strategies (EC-LEDS)**

*Background:* The USAID LEAD program serves as the primary coordinator of USG support under the US-Thailand EC-LEDS agreement. On May 14, 2013, the USG and the Royal Thai Government (RTG) agreed to cooperate on efforts to reduce the growth of GHG emissions from various economic activities and pursue low-carbon, sustainable development. In mid-October 2013, to begin implementation of this EC-LEDS agreement, USAID LEAD convened a workshop with RTG officials, where attendees identified priorities for joint EC-LEDS activities in Thailand: improving MRV processes as a foundation for a national GHG emissions registry system, GHG inventory development, LEDS implementation, technology for GHG mitigation, collaboration on LEDS-related training programs, and assessing development impacts. Implementation was disrupted by the military takeover of the Thai Government in May 2014, but has resumed.

*Expected Outcomes for FY 2015 Q4:*

- TGO will launch the GHG registry (see detail in sub-task 4.0).
- Representatives from USAID/RDMA and the Embassy of Thailand visited ONEP will meet after COP-21 to further discuss a possible partnership on INDCs for the AFOLU sector.

USAID LEAD is scheduled to assess the current status and progress of activities under the US-Thailand Cooperation Work Plan, October 2014-September 2015 with USG partners in August 2015.

*Achievements during FY 2015 Q4:* See Task 4.1

*Expected Outcomes for FY 2016 Q1:* See Task 4.1. In addition, USAID LEAD will develop a matrix to assess the progress of the US-Thailand EC-LEDS partnership in FY 2015.

#### **Subtask 6.6: Enhanced support for Green Growth Planning in Thanh Hoa Province, Vietnam**

*Background:* As requested by the USAID Vietnam mission, USAID LEAD has expanded its work in Thanh Hoa province in order to help prepare additional sections of the Green Growth Action Plan (GGAP), beyond the GHG-related measures addressed in Task 3 of the LEAD Work Plan. These sections address lifestyle and greener production issues related to green growth.

*Expected Outcomes for FY 2015 Q4:* During Q4, the USAID LEAD team will conduct the following activities:

- Consolidate and edit the full draft version of GGAP and share with the GGTF for review by technical experts in various provincial government departments.
- On behalf of the GGTF, access LEDS GP technical review assistance through the Remote Expert Assistance in LEDS (REAL) service.
- Respond and incorporate comments on respective sections of GGAP and develop a final GGAP document.
- Finalize the communication strategy document.

*Achievements during FY 2015 Q4:* During this quarter the LEAD team conducted the following activities to advance the development of Thanh Hoa's GGAP:

- Consolidated and edited the full draft version of GGAP and shared with the GGTF for review by technical experts in relevant departments in September 2015;
- Held a priority setting workshop with the GGTF on September 11, 2015 to determine priorities and targets for action by provincial departments, and to attain feedback for the finalization of the GGAP. Specific workshop objectives included: 1) review sections of the proposed Action Plan, namely GHG mitigation, green production and green lifestyle interventions; 2) review results from the GHG analysis and MACC curve indicators in order to prioritize key focal areas for the province; 3) Set specific priorities and targets for the three sections; and 4) agree on key areas to focus by reviewing a prioritization framework, and develop a list of prioritized activities to achieve the targets.
- Held a gender working group meeting on September 10, 2015 with USAID LEAF supported gender champions from Thanh Hoa. The meeting's purpose was to: 1) share the most current version of the GGAP; 2) identify and review relevant sections of a gender analysis framework that can be used to review the GGAP; and 3) discuss process and timeframe of reviewing the GGAP to consider gender.
- Key outcomes of the prioritization workshop included: 1) GGTF Chairman advised provincial departments to provide continued support to GGAP development process and provide accurate data and information in order to finalize the GGAP by October 2015; 2) Chairman recommended bamboo plantation, biofuels, waste to energy, waste treatment and solar as priority sectors for consideration; and 3) USAID VFD proposed working with smaller GGTF groups representing all departments to obtain more detailed comments and feedback to finalize the GGAP draft.
- USAID LEAD and VFD programs conducted a two-day workshop on September 28-29, 2015 with key technical GGTF members representing various departments to collect technical comments. Workshop outcomes included: 1) the identification of final targets for GHG reduction by sector and corresponding activities required to achieve the targets; 2) the identification of key stakeholders and their corresponding responsibilities; and 3) and additional information about available provincial budgets for GGAP implementation.

*Expected Outcomes for FY 2016 Q1:* The following outcomes and activities are expected for the first quarter of FY 2016:

- The GGTF would like to have a final GGAP by the end of October for approval.
- USAID VFD has suggested that a formal launch of the GGAP occur at the end of November 2015. The USAID Vietnam VFD program has identified the US Ambassador to Vietnam as a potential guest given that this is a special twentieth anniversary of US and Vietnam development collaboration.



### **Subtask 6.7: Support for the USAID RDMA Clean Energy Expert's Roundtable, April 2015**

*Background:* USAID/RDMA is evaluating potential strategies by which Lower Mekong countries can direct their current and future investments in the electric power sector toward environmentally friendly renewable energy and energy efficiency. RDMA will convene a Clean Energy Experts' Roundtable in Bangkok, Thailand, to exchange information and provide advice. This will be approximately one week after RDMA's advisors from NREL provide their draft findings from a regional electric power sector study currently underway. The roundtable seeks to answer the following questions:

- Why are investments in clean energy and energy efficiency in the Lower Mekong currently limited?
- What are the barriers to investment in clean energy and energy efficiency?
- How can those barriers be addressed?

The roundtable took place in Bangkok Thailand, April 23-24, 2015. Report of the results of Clean Energy Experts Round Table was submitted to USAID/RDMA in May 2015.

*Expected Outcomes for FY 2015 Q4:* N/A

*Achievements during FY 2015 Q4:*

*Expected Outcomes for FY 2016 Q1:* N/A

### **IR1: National and sub-national LEDS created or improved**

#### **Subtask 3.0 Regional Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication at the Regional Level**

*Background:* This activity aims to promote the deployment of GHG protocols and tools by working at the regional level. This approach also responds to the increasing regional trends of urbanization by connecting subnational and regional levels in USAID LEAD program countries. The strategy is to leverage success at the local level under sub-tasks 3.1 to 3.3 to promote the sustainability, scaling-up, and replication of efforts that promote the deployment of GHG protocols and tools.

*Expected Outcomes for FY 2015 Q4:* No regional activities are planned in Q4.

*Achievements during FY 2015 Q3:* N/A

*Expected Outcomes for FY 2016 Q1:* In FY 2016 Q1, the USAID LEAD team anticipates to engage with sector experts in reviewing the draft GGAP through Secretariat of the Asia LEDS Partnership.

#### **Subtask 3.1 Regional Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in Vietnam**

*Background:* This activity aims to promote the deployment of GHG protocols and tools by working at the provincial level in one selected province in Vietnam. It will stimulate demand for GHG professionals, build their supply, and enhance their capacity to use GHG protocols and tools. This approach also responds to the increasing regional trends of urbanization by working intensively at subnational levels in USAID LEAD program countries.

*Expected Outcomes for FY 2015 Q4:* Final draft of GHG inventory, baseline and green growth scenario development will be undertaken for three target sectors; i.e., Energy, Industry and Waste after endorsement of results of analysis by the Green Growth task force (GGTF). USAID LEAD program will assist the USAID Vietnam Forests and Delta program and GGTF to develop an initial draft of GGAP based

on the outline finalized by GGTF and inputs provided by different participating entities in development of GGAP. USAID LEAD will participate as technical resource group in discussions that the Thanh Hoa GGTF is likely to organize for review of the GGAP draft. USAID LEAD will support finalization of the GGAP based on the comments provided by GGTF on the draft.

*Achievements during FY 2015 Q4:* In FY 2015 Q4, USAID LEAD developed the final draft of GHG inventory, baseline and green growth scenario for three target sectors (i.e., energy, industry and waste) and proposed to GGTF for endorsement. USAID LEAD provided assistance to the USAID Vietnam Forests and Delta (VFD) program and GGTF to develop an initial draft of GGAP based on the outline finalized by GGTF and inputs provided by different participating entities in development of GGAP. The draft is under review by the task force; USAID programs (VFD and LEAD) are holding consultations with GGTF to finalize the draft. A consultation workshop was organized by GGTF in the month of September 2015 to deliberate on the draft GGAP.

*Expected Outcomes for FY 2016 Q1:* In FY 2016 Q1, USAID LEAD program under Task 3.1 and Task 6.6 will provide assistance to USAID VFD and GGTF to complete the remaining section of GGAP, primarily the Implementation road map for GGAP. It is expected that GGTF will endorse the draft and will identify priority projects for the Thanh Hoa province as part of the GGAP implementation Road Map. The USAID LEAD program will select project/s from list of identified priority projects, to develop an investment concept note for selected projects for further support.

### **Subtask 3.2 Regional Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in India**

*Background:* The USAID LEAD program is supporting the Bombay Chamber of Commerce and Industry (BCCI) by delivering training and direct assistance to member companies in implementing green growth and sustainability practices, and by offering opportunities to BCCI member companies to participate in regional networking and peer learning events. The USAID LEAD program and BCCI may later make these services available to members of other industrial associations in Mumbai, India.

*Expected Outcomes for FY 2015 Q4:* In FY 2015 Q4, USAID LEAD will conduct two trainings for BCCI member companies focused on resource conservation and energy efficiency. USAID LEAD will finalize the approach and operationalize the direct technical assistance focused on GHG reporting by BCCI member companies and their supply chains. As part of institutional capacity building for BCCI, USAID LEAD will provide assistance to develop a status note on BCCI's current strategy for engagement with small and medium enterprises (MSMEs) and other stakeholders (government, civil society) and prepare a white paper on the strategy for engaging MSMEs in chamber activities for improving outreach with other stakeholders. Information Technology support will be provided to BCCI so they can better reach out to member companies through social media and organize the database of environmental sustainability contacts in member companies. USAID LEAD program will provide IT consulting support through a specialist to train BCCI staff on membership database management, use of social media for better reach out to member companies, and efficient training logistics e.g. online payment systems.

*Achievements during FY 2015 Q4:* In FY 2015 Q4, USAID LEAD conducted one training course focused on GHG mitigation and resource conservation in the shipping sector. The second training was postponed to next quarter due to the non-availability of the BCCI core team during the proposed dates. USAID decided to conduct two clinics focused on providing in-depth training on two areas of Environmental

Sustainability to BCCI member companies. USAID LEAD finalized the outline of SMEs white paper in consultation with BCCI leadership and BCCI sustainability committee members. It took longer than anticipated due to different levels of perceptions regarding the white papers among different participants. The scope of work on IT support was finalized in consultation with BCCI IT Department. Based on the scope of work an IT consultant was identified and proposed to BCCI. BCCI provided in-principle endorsement to go ahead with engagement of IT consultant.

*Expected Outcomes for FY 2016 Q1:* In FY16 Q1, USAID LEAD will conduct one training course focused on resource conservation for BCCI member companies. BCCI sustainability committee has proposed food processing industry sector as primary focus of this training. USAID LEAD Task 3 with support from Task 6 will conduct one M&E training for the BCCI core team as part of BCCI capacity building. The M&E workshop will be primarily focused on providing in depth training to BCCI staff to evaluate the outcomes and effectiveness of conducted trainings. This training course will be designed to increase the effectiveness of BCCI trainings in the environmental sustainability space. USAID LEAD will also prepare SMEs white paper for review and endorsement by BCCI management. The IT consultant will provide at-least one training to BCCI IT Department focused on database management.

### **Subtask 3.3 Regional Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in Thailand**

*Background:* This activity aims to promote the deployment of GHG protocols and tools by working with the tourism sector at the provincial and municipal levels. This approach also responds to the increasing regional trends of urbanization by working intensively at subnational levels in USAID LEAD program countries. In the tourism sector specifically, the strategy is to work with a municipality in Thailand and the local hotel industry to increase understanding of the business case for energy efficiency investments. This will stimulate demand for energy efficiency and green growth protocols and tools, paving the way for further efforts on GHG. It will also model energy efficiency benchmarking and best practices for the hospitality sector in the rest of the USAID LEAD program target region.

*Expected Outcomes for FY 2015 Q4:* In FY 2015 Q4, the USAID LEAD program will finalize the energy audits for the remaining five participating hotels. The USAID LEAD program will work with a total of 20 participating hotels to establish a baseline and energy benchmark, to prepare energy audit reports, and to communicate the results to the participating hotels. USAID LEAD will then conduct a training workshop for the participating hotels, focused on preparing the data forms to report energy data for next year. The data will be reviewed by the USAID LEAD program for quality control and incorporated in the benchmark model. USAID LEAD will support the first meeting of HEEIC to review and assess progress. USAID LEAD will also prepare communications and outreach products highlighting and recounting the initiative.

*Achievements during FY 2015 Q4:* In FY 2015 Q4, USAID LEAD completed energy audits in all 20 participating hotels. As part of capacity building of a local technical institution, ERDI was an integral part of the audit exercise with responsibility of preparing audit reports. Detailed energy audit reports for eight hotels stands completed and has been reviewed by USAID LEAD experts. An interim audit summary report providing initial findings was completed for 16 hotels and communicated to the participating hotels. As part of baseline exercise, one-year data for the year 2014 was collected from all 20 participating hotels and a baseline has been established. A training program was organized for

participating hotels in the month of August 2015, to provide in-depth training on monthly data collection in format designed by USAID LEAD and report the information to the program. A demonstration of draft benchmark model was provided during the training to the hotels to gather the feedback. A mechanism has been established for monthly data reporting by hotels. USAID LEAD supported the first meeting of HEEIC conducted in July 2015; HEEIC reviewed the progress made by the program and expressed satisfaction on the program outputs so far. USAID LEAD finalized the Energy Audits Manual for hotels and guidance for filling the data form for monthly data reporting.

*Expected Outcomes for FY 2016 Q1:* In FY 16 Q2, USAID LEAD will complete all energy audit reports of all participating hotels and finding will be communicated to the participating hotels. In addition, USAID LEAD will hold one to one discussion with each hotel to convey the findings of the energy audit exercise. UASID LEAD will receive monthly data based on the established mechanism of reporting and will explore possibility to design a web based benchmark model. The monthly data will be reviewed by the USAID LEAD program for quality control and incorporated in the benchmark model. USAID LEAD will support the second meeting of HEEIC to review and assess progress made under HEEI. USAID LEAD will also prepare communications and outreach products.

## **IR2: GHG inventory and accounting systems at the national and sub-national levels strengthened**

### **Subtask 2.0 – Region-Wide National GHG Inventory Capacity Building**

*Background:* Enhancing capacity for the regular development of national GHG inventories will help Asian countries meet their requirements under the United Nations Framework Convention on Climate Change (UNFCCC) and will help them make decisions on how to mitigate GHG emissions. A recent decision at a UNFCCC Conference of Parties (COP) calls for non-Annex 1 parties (i.e., most developing countries) to submit Biennial Update Reports (BURs), beginning in 2014, that provide an update to their most recently submitted National Communications, including a national GHG inventory. The scope of the updates should be consistent with the capacities, time constraints, data availability, and level of support provided by developed countries. Least developed countries may submit BURs at their discretion. The goal of the USG's support is to better position countries to submit a BUR, should they choose to request funding from Global Environment Facility (GEF) to help fulfill this requirement. USEPA and USAID LEAD's approach takes into consideration the technical assistance and training of other donors and international development organizations on national GHG inventories.

*Expected Outcomes for FY 2015 Q4:* In this quarter, USAID LEAD expects to perform the following activities: (1) complete the 2006 IPCC Guidelines sector courses; (2) perform a follow-up IPPI assessment for Malaysia if the necessary conditions are met, i.e., on the condition that Malaysia has progressed with its BUR1 or NC3 and that a sufficient number of relevant documents are available upon which to base the assessment (USAID LEAD will, at a minimum, seek to make progress with the assessment on the basis of available documents, with the aim of completing the assessment as soon as circumstances permit); and (3) conduct the Session 4 Regional Training on National GHG Inventory Systems in Manila, Philippines.

*Achievements during FY 2015 Q4:* By the end of FY 2015 Q4, USAID LEAD accomplished the following with regard to the activities described above: (1) The waste sector course was completed and made available online. The energy sector course was completed, and as of the end of the quarter the online version was undergoing several final modifications. USAID LEAD expects to publish the course online by

the end of October 2015. The IPPU course materials remained under review, and owing to some technical issues, USAID LEAD expects to publish the course by the end of January 2016. The agriculture course had been fully migrated to online modules, which remain under review. The course should be published by the end of November 2015. Half of the forestry course's online modules had been created by the end of the quarter, with the remaining half to be created by the end of October. This indicates a publication date of late-November 2015. (2) It was decided at the *Capacity Building and Quality Enhancement of GHG Inventory LECB Project Support Activities for the Agriculture Sector in 2015 - Session 3* in June 2015 that the timing and demand were inopportune to carry out this task because Malaysia was still preparing its BUR 1 and Third National Communication, and lacked documents to evaluate for the purpose of an IPPI assessment. As such, it was concluded that the IPCC assessment would likely show more meaningful results once Malaysia had the opportunity to put into practice the lessons learned at the capacity building sessions carried out this February, March, and June. As of the end of the quarter, LEAD anticipated conducting a final IPPI assessment for Malaysia on the basis of its BUR 1, which was expected to be submitted to UNFCCC by end of the 2016. (3) USAID LEAD conducted the *Session 4 Regional Training on National GHG Inventory Systems* in Manila, Philippines in July 2015. There were 35 participants from seven countries.

*Expected Outcomes for FY 2016 Q1:* In this quarter, USAID LEAD expects to perform the following activities: (1) Complete the 2006 IPCC Guidelines sector courses; (2) Prepare to hold the USAID LEAD Winter Institute on the 2006 IPCC Guidelines (likely to take place in early-March 2016) by procuring a venue, creating and disseminating an application form, reviewing applications, and begin to select participants; (3) Begin to review and update the curriculum of USAID LEAD's *Regional Training on National GHG Inventory Systems* training series, with the objective of making the associated materials freely available online by June 2016; (4) Offer the countries that attended the fourth training in that series the opportunity to avail themselves of USAID LEAD review and feedback on their use of the documents and tools introduced over the course of the training series, and provide said review and feedback as requested; and (5) Finalize arrangements with Bangladesh, Cambodia, Malaysia, Nepal, the Philippines, Thailand, and Vietnam to perform their final IPPI assessments from January to June 2016.

### **Subtask 2.1 to 2.5 – Support National GHG Inventory Capacity in LEAD Countries**

*Background:* In cooperation with other agencies and programs (UNFCCC/USEPA SEA GHG Project, USFS, SilvaCarbon, Philippines Climate Change and Clean Energy (CEnergy) project, USAID B-LEADERS Project and the Improving Biodiversity for Resilient Ecosystems and Communities (B+WISER) project)), USAID LEAD provides training and technical assistance to national GHG inventory teams to increase capacity and institutionalize sustainable GHG inventory processes and procedures.

*Expected Outcomes for FY 2015 Q4: **Bangladesh, Nepal, and Thailand.*** USAID LEAD will continue to support students enrolled in the 2006 IPCC Guidelines Overview course, and to encourage their rapid progress by promoting enrollment in the Winter Institute as an assured outcome of passing the final exam. In the cases of the three countries named here, USAID LEAD worked with the government agency or agencies with the most significant stake in national GHG inventory capacity building, e.g., Department of Environment in the case of Bangladesh, to identify prospective students and obtain a final list of them to enroll. In Bangladesh, the program enrolled six students in mid-June. In Nepal, the program enrolled 20 students in March 2014; three have completed the course. In Thailand, the

program enrolled 28 students in May 2014; three of those discontinued their government employment prior to course completion, and one of them was replaced, making a total Thai enrollment of 26; 17 had taken the final exam as of mid-May, and the program awaits word on how many of those passed.

- **Bangladesh.** USAID LEAD will continue to support USEPA capacity building activities. The precise nature of this support has not yet been formally decided, and will likely consist of continued training for sector leads.
- **Cambodia.** USAID LEAD expects to hire an in-country consultant to provide three-quarters time support to CCD and line ministries during national inventory system planning and implementation process, and conclude Cambodia's baseline IPPI assessment. Engaging the in-country consultant is contingent upon co-signing a letter of agreement with CCD, which is anticipated for July 16, 2015. If necessary, USAID LEAD may seek to execute an abridged version of the LEAD-CCD work plan that is consistent with the time and resources available, and host country demand.
- **Philippines.** USAID LEAD will hold an AFOLU sector focus group discussion in July that will be an experts meeting to settle outstanding issues on land cover, soil, and climate classification consistent with the 2006 IPCC Guidelines, and transition GHG inventory technical assistance from USAID LEAD to B-LEADERS.

*Achievements during FY 2015 Q4: Bangladesh, Nepal, and Thailand.* Regarding USAID LEAD's continued support of students enrolled in the 2006 IPCC Guidelines Overview course, by the end of the quarter the following progress was observed:

- **In Nepal.** No additional students completed the course, and USAID LEAD staff traveled to Kathmandu at the end of the quarter to discuss the possibility of incentivizing course completion by explaining that this would be a prerequisite for attending the Winter Institute.
- **Bangladesh.** USAID LEAD continued to support USEPA capacity building activities, consisting primarily of three areas of support to the Department of Environment (DoE), MoEF: (1) support to request inventory data from data providers through the development of a template data request letter; (2) developing and delivering to the DoE Energy sector lead on-boarding training materials for mobile source emissions; and (3) preparations for training to use the updated Agriculture and Land Use (ALU) software, including development of a "save the date" notification, draft agenda, nomination form to encourage the identification of suitable training participants, and guidance on pre-training preparation, including the assembly of data for use during the training. With USAID LEAD support, USEPA conducted an informal review of the Inception Report (Draft), "Component 2: GHG Inventory Preparation." The draft report was developed by the consulting consortium that will support the national GHG inventory chapter of the TNC and delivered to the Director General and National Project Director for the TNC on June 28, 2015. The draft report describes the background of the national GHG inventory chapter, objective and output of the assignment, approach and methodology, proposed work plan, comments and suggestions on the terms of reference, and a team composition table. The EPA comments were delivered to the Bangladesh MoEF Department of Environment on August 11, 2015. DoE Deputy Director Mr. Ziaul Haque confirmed receipt of the USEPA comments on the same day, indicating their usefulness and informing USEPA that the recommendations would inform the official process to revise the report.

- **Cambodia.** USAID LEAD co-signed a letter of agreement with CCD in July 2015. Shortly afterwards, the CCD staff member USAID LEAD was attempting to recruit (upon the request of CCD and in consideration of his capacity to perform the work) as the in-country consultant for the USAID LEAD-CCD work plan indicated he would no longer be able to assume this role. USAID LEAD staff traveled to Cambodia in September to discuss this with the government of Cambodia, and all parties agreed that USAID LEAD would support work plan implementation without a national inventory coordinator, instead using existing USAID LEAD personnel.
- **Philippines.** The government of the Philippines cancelled the AFOLU sector focus group discussion scheduled for July due to scheduling conflicts. As all parties agreed that B-LEADERS had satisfactorily assumed responsibility for providing GHG inventory technical assistance to the government of the Philippines, the focus group discussion was not rescheduled.

*Expected Outcomes for FY 2016 Q1:*

- **Bangladesh, Nepal, and Thailand.** Regarding USAID LEAD's support of students enrolled in the 2006 IPCC Guidelines Overview course, USAID LEAD will continue to promote completion of the course by enrollees in Nepal; encourage enrollees in Thailand who failed their first exam attempt to retake it; and follow up with enrollees in Bangladesh according to their exam results.
- **Bangladesh.** USAID LEAD will continue to support USEPA capacity building activities. Support will consist of pre-training and on-the-ground support for the ALU Software training to be held from October 6-7, 2015 in Dhaka. USEPA will also initiate coordination and planning for a second training session for non-AFOLU sectors (Energy, Industrial Processes and Product Use, and Waste), including the development of a draft agenda and coordination of dates with DoE.
- **Cambodia.** USAID LEAD will begin to implement the USAID LEAD-CCD work plan. Activities will include the following: (1) Establish the GHG inventory team; (2) organize and hold project a launch/planning meeting; and (3) prepare to conduct in-country consultations with CCD and line ministries to develop a plan for a sustainable NIS in FY 2016 Q2.
- **Vietnam.** As of the end of FY 2015 Q4, USAID LEAD was continuing to work with its contact at the Center for Technology Responding to Climate Change (CliTech) under the Vietnam DMHCC within the Ministry of Natural Resources and Environment (MONRE), to come to an agreement on the contents of a project proposal initiated and authored by said CliTech contact, and titled, "Proposal for the added value support for Vietnam National GHGI system: Reviewing and Recommendations for the Collection of Activity Data and Emissions Estimations for Vietnam's GHG Inventory." Provided that an agreement is ultimately reached, then upon attaining that milestone USAID LEAD will begin to recruit the necessary staff to implement the project.

## **Subtask 2.6 – Regional Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands**

*Background:* In FY 2013, the USFS and USAID LEAD program conducted a regional training in Thailand. The training built capacity for the government to implement a robust protocol for measuring and monitoring carbon stocks in mangroves and other forested wetlands. The IPCC formally included this protocol in the 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. During the training in Thailand, the Cambodian participants requested follow-on training in their

country. To respond to the request, the USAID LEAD program and USFS provided a two-week intensive training for Cambodian officials and academia in Koh Kong province in FY 2014. To further enhance capacity in Cambodia, a select group of trainees will continue to collect data in forested wetlands in four forested wetland sites through a practical professional program in which teams quantify carbon stocks in pre-selected areas of mangroves. The two principal objectives of this practical program are to: 1) consolidate skills and knowledge learned during the 12-day course; and 2) collect forest carbon data from additional key forested wetlands across Cambodia to feed into the national inventory.

*Expected Outcomes for FY 2015 Q4:* The USAID LEAD team expects to deliver a workshop on sediment lab analysis in Thailand during September 21-25, 2015. The team anticipates 20 soil laboratory technicians and/or forestry GHG inventory leads from Thailand, Cambodia, Indonesia, Philippines, Vietnam and Bangladesh to participate.

*Achievements during FY 2015 Q4:* The USAID LEAD team delivered a regional training on sediment laboratory analysis in Bangkok during September 21-25, 2015. There were 18 soil laboratory technicians, field practitioners and forestry GHG inventory developers from six countries participated this five day training. The six countries comprise of Thailand, Cambodia, Indonesia, Philippines, Vietnam and Bangladesh.

Additionally, 327 sediment samples collected from Trang in 2013 are currently being analyzed for carbon stock by experts in Kasetsart University and results are expected by the first quarter of FY 2016. In addition, the above-ground and below-ground carbon stock of Cambodian mangroves as well as shrubs are being analyzed by USFS experts and results are expected by the first quarter of FY 2016.

*Expected Outcomes for FY 2016 Q1:* The USAID LEAD team anticipates the following outcomes:

(1) Hold discussions with USAID Cambodia and in-person meetings with Cambodian government counterparts, alongside other preparatory work for the upcoming four day data integration workshop during January 19-22, 2016, scoping trip for flooded forest training during January 23-29, 2016 and flooded forest training during February 29-March 11, 2016; (2) Share the carbon stock results of Trang sediment samples with relevant partners, including Department of Marine and Coastal Resources of Thailand and USFS potentially for publication purposes; (3) Develop data collection protocol of flooded forest based on the analysis of shrub; and (4) Share carbon stock results of Cambodian mangroves with USAID Cambodia and Cambodian government counterparts.

#### **Subtask 5.1 – Regional Technical Assistance for Emission Factor Development**

*Background:* The USAID LEAD program aims to improve GHG inventories and GHG accounting systems by building capacity to better select and develop emission factors, which are fundamental element in calculating GHG emissions.

*Expected Outcomes for FY 2015 Q4:* A regional training workshop on rice cultivation emission factor development will take place in September 2015.



*Achievements during FY 2015 Q4:* USAID LEAD program has been working with the rice subject matter expert, Dr. Leandro Buendia, and the Director of the Indonesia Agriculture Environment Research Institute to develop the agenda for the regional training.

USAID LEAD program is currently working with the Indonesia Centre of Animal Research and Development (ICARD) on an agenda development for a regional training on enteric fermentation emission factor development, which will take place in December 2015 in Bogor, Indonesia.

*Expected Outcomes for FY 2016 Q1:* The following training workshops are anticipated:

- A regional training on rice cultivation emission factor development will take place in January 2016, in Pati, Indonesia.
- A regional training on enteric fermentation emission factor development will take place in December 2015.

### **Subtask 5.2 – Technical Assistance for CO<sub>2</sub> Emission Factor Development for Mobile and Stationary Combustion for the Philippines**

*Background:* In FY 2013, the USAID LEAD program released *Current Challenges and Priorities for Greenhouse Gas Emission Factor Improvement in Select Asian Countries*, a report recommending six emission factors as regional priorities for improvement. In FY 2014, Philippines officials attended the regional training on CO<sub>2</sub> emissions for mobile and stationary combustion in Manila. As part of the USAID Philippine buy-in, an additional advanced training was organized (to supplement the regional training) for the government officials.

In FY 2015, USAID/Philippines requested advanced technical assistance to develop Tier 2 emission factors for 2010 for CO<sub>2</sub> from on-road transport, stationary combustion-coal, and stationary combustion-natural gas. Following emission factor development, LEAD's technical staff will present the new emission factors and engage government officials on how to update them in the future at a capacity building activity workshop in Manila.

*Expected Outcomes for FY 2015 Q4:* The activities described immediately above conclude subtask 5.2. Hence, there are no expected outcomes for FY 2015 Q4.

*Achievements during FY 2015 Q4:* N/A

### **IR3: GHG markets strengthened**

#### **Subtask 4.0 — Demonstration of Best Practice in GHG Reporting to Promote Regional Knowledge-Sharing and Replication**

*Background:* USAID LEAD and TGO have been working to develop and launch CFO v2.0, a voluntary, corporate GHG reporting program for Thai emitters. USAID LEAD will conduct outreach and provide demonstrations of Thailand's GHG reporting program and associated online reporting registry as an example of best practice. The demonstrations will promote regional knowledge-sharing and replication of GHG reporting by outreach to government officials including policy makers and reporting program administrators, as well as members of a potential GHG accounting services industry such as verification bodies, and potential reporting entities. This activity responds to Recommendation 5 from the program's mid-term evaluation to refocus activities on demand-driven GHG market areas, such as supporting corporate GHG and sustainability reporting.

*Expected Outcomes for FY 2015 Q4:* In the next quarter, USAID LEAD expects to perform the following tasks: (1) present at a regional forum, the “Regional Forum on Climate Change (RFCC) - Low Carbon and Climate Resilient Societies: Bridging Science, Practice, and Policy” on July 1-3; and (2) conduct outreach to Carbon Disclosure Project (CDP) to explore the potential for the CDP to include the methodology of CFO 2.0 on the menu of GHG emissions estimation methods accepted by the CDP. Previously, USAID LEAD had also expected to perform the following tasks in Q4: (3) conduct a Regional demonstration in the Philippines in concert with UNDP LECB under its capacity building support for the private sector task; and (4) conduct a regional demonstration for a Philippines women’s group(s) with which the EC-LEDS team in the Philippines has an ongoing relationship to demonstrate Thailand’s GHG reporting program and online reporting registry (this final item is intended to contribute to the program’s achievement of Indicator 15: “Number of gender mainstreaming activities developed, adopted, and/or implemented in LEAD activities (custom indicator).” It was conceived of in concert with USAID/Philippines.). Recently, however, USAID/Philippines and UNDP LECB has requested that USAID LEAD postpone these two activities until January 2016 due to the full schedule USAID/Philippines has from August to November 2015.

*Achievements during FY 2015 Q4:* In this quarter, USAID LEAD: (1) presented at the “Regional Forum on Climate Change (RFCC) - Low Carbon and Climate Resilient Societies: Bridging Science, Practice, and Policy” held from July 1-3; and (2) initiated outreach to Carbon Disclosure Project (CDP) to explore the potential for the CDP to include the methodology of CFO 2.0 on the menu of GHG emissions estimation methods accepted by the CDP. USAID LEAD also arranged to demonstrate CFO V2.0 at the LEDS Global Partnership (GP) annual meeting in October 2015 in the Dominican Republic. The demonstration will be part of a panel chaired by the LEDS GP Subnational-National Integration Working Group.

*Expected Outcomes for FY 2016 Q1:* In this quarter, USAID LEAD expects to continue its correspondence with the CDP to explore the potential for the CDP to include the methodology of CFO V2.0 on the menu of GHG emissions estimation methods accepted by the CDP. The program also expects to provide a demonstration of CFO V2.0 in Hanoi, Vietnam, to an audience comprised of officials within the government of Vietnam whose ministries/departments have the mandate and potential capacity to serve as administrator or supporter of a corporate GHG reporting program. Representatives of Vietnam’s private sector and research institutes are also expected to participate.

#### **Subtask 4.1 — Thailand: Technical Assistance for GHG Registry Establishment and Regional Knowledge-Sharing**

*Background:* USAID LEAD and TGO are collaborating on the establishment of a voluntary corporate GHG reporting program. Thai companies that elect to report their GHG emissions will do so according to the program’s Reporting Guidance, with emissions verified by accredited verification bodies according to the Verification Guidance. Emissions will be reported through the online reporting platform, which will be operated and maintained by TGO. Work undertaken by USAID LEAD and TGO was formalized in a Preliminary Joint Work Plan on April 30, 2014. After an interruption of several months due to the military coup in Thailand in May 2014, USAID LEAD and TGO collaboration on this activity resumed in September 2014. The aim is to launch the program in July 2015.

*Expected Outcomes for FY 2015 Q4:* In the next quarter, USAID LEAD expects to complete TGO customization of the GHG registry and online platform and launch the reporting program, i.e., move

from development and test servers to live production servers. Concurrently, USAID LEAD will provide documentation and training to TGO technical staff; develop a training curriculum for reporters, verification bodies, and program administrators; customize a set of tools for reporters and an operations handbook for reporter services; and complete and begin to implement a communications and outreach strategy.

*Achievements during FY 2015 Q4:* In this quarter, USAID LEAD completed TGO customization of the GHG registry and online platform, and conducted a soft launch of the reporting program, including the transfer of the platform from USAID LEAD to TGO's server. USAID LEAD also developed a training curriculum for reporters, verification bodies, and program administrators and IT staff, trained each of those groups using the aforementioned curriculum, customized a large set of tools, user guides, in-depth guidance documents, functional and technical requirements manuals, forms, presentations that TGO may use to train reporting organizations and verification bodies, and other program documentation. A communications and outreach strategy was also completed, and outreach was conducted in earnest to hotels in Thailand.

*Expected Outcomes for FY 2016 Q1:* In this quarter, USAID LEAD expects to complete several final platform customizations that TGO requested during the weeklong training USAID LEAD conducted in early-August 2015. Additionally, USAID LEAD will continue its effort to recruit organizations in Thailand into the platform, and to encourage organizations that reported through the previous version of TGO's reporting program to report through CFO V2.0.

#### **Subtask 4.2 Support for GHG Reporting Program in China**

*Background:* The US-China Climate Change Working Group (USCCWG) has undertaken five action initiatives in China, the fifth of which, "Collecting and Managing Greenhouse Gas Emissions Data," USAID LEAD will support in collaboration with USEPA. The main goal of this initiative is for the United States to share expertise from implementing a successful national GHG reporting program to support similar efforts in China.

One specific goal has been to support China's National Development and Reform Commission (NDRC) with efforts to develop reporting systems in several industrial sectors. In 2014, EPA/ICF provided translated versions of relevant methodologies from the GHG Reporting Program and held discussions with NDRC about how these methodologies were developed. In addition, two workshops were held in China in March and July of 2014 to enhance the nation's capacity for GHG measurement, reporting and verification methodologies, GHG thresholds, and integrated data management systems in specific sectors. A study tour to Washington, DC in July 2014 gave members of NDRC and China's National Center for Climate Change Strategy and International Cooperation (NCSC) the chance to meet with counterparts at EPA and state/regional representatives from the California Air Resources Board (CARB) and the Regional Greenhouse Gas Initiative (RGGI).

*Expected Outcomes for FY 2015 Q4:* In the next quarter, USAID LEAD anticipates finalizing the US-China Climate Change Working Group Work Plan and a list of key US GHG MRV materials. The program also expects to make significant preparations towards holding an initial workshop/design session in China in October 2015.

*Achievements during FY 2015 Q4:* In this quarter, USAID LEAD completed the list of key GHG MRV materials and shared it with USEPA. The program also contributed to discussions of activities under the

US-China Climate Change Working Group Work Plan and helped ensure the finalization of the work plan. USAID LEAD, along with EPA, NDRC, and NCSC selected a topic for an initial workshop (for the oil and gas sector), developed a draft agenda, identified potential participants, selected dates, and began logistics and planning. The workshop will be held the first week of November 2015, as opposed to October 2015, as November best suited participants' and USEPA's schedules. In addition, USAID LEAD made progress on the GHG MRV capacity building white papers by developing a plan for updating each of the six papers, and revising three of them.

*Expected Outcomes for FY 2016 Q1:* USAID LEAD expects to implement the oil and gas workshop in Beijing, China on November 3-4, 2015. A plan for subsequent workshops and topics through the remainder of the program will also be developed with USEPA, and the program will begin planning for at least one subsequent workshop or design session. USAID LEAD will translate any documents identified by NDRC as of interest from the list of key GHG MRV materials, pending feedback from NDRC. The program will also continue progress on the GHG MRV capacity building white papers.

### **IR1.2/2.1/3.3: Individual capacity in LEDS, GHG inventories and accounting, and GHG markets strengthened**

*Background:* The LEAD program's FY 2015 work plan includes all training events planned that contribute to the PMP indicator of "person hours of training completed." The following table lists the regional training events that occurred during the quarter that built capacity of country stakeholders across the various LEAD program technical areas:

**Table 6: Achievements during FY 2015 Q4 – Actual Fourth Quarter Training Events**

Training Event	Technical Areas	Learning Outcomes (skills and knowledge)
Session 4 Regional Training on National Inventory Systems	National GHG inventory systems	<ul style="list-style-type: none"> <li>• How to decide which version of the IPCC Guidelines to use, on the basis of understanding the differences between the Revised 1996 IPCC Guidelines and the 2006 version, and of the main improvements in the 2006 Guidelines.</li> <li>• The spreadsheets and inventory software that are available for inventory preparation; how to use the IPCC inventory software.</li> <li>• How to explain inventory-related challenges in a way that permits others to understand and advice.</li> <li>• The uses of national GHG inventories, e.g., GHG emission projections, marginal abatement cost curves, NAMAs, industry partnerships, registries and emission trading systems, and nationally determined contributions.</li> </ul>

Training Event	Technical Areas	Learning Outcomes (skills and knowledge)
Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for TGO, August 3-5, 2015, Bangkok, Thailand	<ul style="list-style-type: none"> <li>CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>TGO is oriented toward the CFO V2.0 program, the online reporting platform, and reporter training materials so that TGO is familiar and comfortable with the content, and confident to train reporters on an ongoing basis.</li> <li>TGO is familiar with the suite of administrator, reporter, and verifier tools and guides.</li> <li>TGO program administrators are intensively trained in the online reporting platform</li> </ul>
Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for Consultants and Verification Bodies, August 6, 2015, Bangkok, Thailand	<ul style="list-style-type: none"> <li>CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>Consultants and verifiers are oriented toward the revised reporting and verification guidelines of CFO V2.0 and its online reporting platform so they know how to operate within this framework and are comfortable supporting reporters through the program</li> </ul>
Training on TGO's Carbon Footprint for Organizations program, Version 2.0: Training for Reporters, August 7, 2015, Bangkok, Thailand	<ul style="list-style-type: none"> <li>CFO V2.0</li> </ul>	<ul style="list-style-type: none"> <li>Reporters are oriented toward the revised reporting and verification guidelines of CFO V2.0 and its online reporting platform so they understand the benefits associated with the program and know how to measure, report, and verify their GHG emissions.</li> </ul>
Recent and upcoming environmental regulations - Maritime Transport, September 14, 2015 Mumbai, India	<ul style="list-style-type: none"> <li>Training course presents various sources of GHG emission and highlight recent updates in various regulations covering different types of emissions by ships as well as their associated social and environmental impacts includes various energy efficiency measures and their abatement potential</li> </ul>	<ul style="list-style-type: none"> <li>Understand ways to reduce GHG emissions from shipping</li> <li>Recent and upcoming conventions that addresses environmental sustainability in shipping</li> <li>Identify opportunities for savings through energy efficiency measures</li> <li>Treatment of ballast water – regulatory and technical updates</li> </ul>
Energy Audit and Energy Performance Benchmarking of Hotels in Chiang Mai, Thailand August 2, 2015	<ul style="list-style-type: none"> <li>Training program for Hotels for collection of monthly energy data using tool designed by the USAID LEAD program and demonstration of benchmarking tool</li> </ul>	<ul style="list-style-type: none"> <li>Training on filling-in data form and data Preparation</li> <li>Reporting of data to the USAID LEAD program</li> <li>Introduce Benchmark Model and receive feedback from participants</li> </ul>

Training Event	Technical Areas	Learning Outcomes (skills and knowledge)
Energy Efficiency in Hotels Chiang Mai, Thailand August 18, 2015	<ul style="list-style-type: none"> <li>Training on energy audits in the hospitality sector with a focus on the functionality of the monthly data submission format and the benchmarking tool</li> </ul>	<ul style="list-style-type: none"> <li>Monthly data requirement for energy audit in hotel and benchmarking</li> <li>Understanding the energy benchmarking tool and its application</li> </ul>

**Table 7: Status of Fourth Quarter Activities and Deliverables by Due Date or Activity Period**

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 6.1:</b> Coordinate with key stakeholders on planning and implementation of the ALP Work Plan 2015-2016.	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b> Calls continue to be held at regular intervals (or as needed) with the LEDS GP Secretariat, Working Groups, and ALP leaders.
<b>Sub-task 6.1:</b> Provide prompt and responsive support to members, and recruit new members.	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b> In Q4 2015, 8 new organizations and 20 new individuals joined as ALP members. The cumulative total is 128 organization and 203 individual members.
<b>Sub-task 6.1:</b> Support design and launch of CEGIN Secretariat Asia. Hold stakeholder consultation meetings.	USAID LEAD/ICF	April, July, October, 2015	<b>Completed.</b> Launch announcement at ACEF in Manila, Philippines. Stakeholder consultations, including in-depth discussions with the NREL Clean Energy Solutions Center team and the USAID/NREL teams that manages the Greening the Grid program, were completed. The draft CEGIN work plan was approved by the COR in October 2015
<b>Sub-task 6.1:</b> As specified in the ALP work plan, organize and conduct workshops on topics of interest to members.	USAID LEAD/ICF NREL	September 30, 2015	<b>In progress. Delayed by 1 month.</b> Next planned workshop is on “Mobilizing Investment for LEDS in Asia’s Agriculture Sector” and is in October 2015 in Ho Chi Minh City, Vietnam.
<b>Sub-task 6.1:</b> Webinars on INDCs and MRV, with the International Partnership for Mitigation and MRV	USAID LEAD/ICF	August 2015	<b>Completed.</b> Played supporting role for webinar on this topic, which was led by International Partnership on Mitigation and MRV in July 2015.
<b>Sub-task 6.1:</b> Webinar series on climate finance readiness, with the World Bank and LEDS GP Finance Working Group (through a World Bank platform)	USAID LEAD/ICF	June, September 2015; February 2016	<b>On hold.</b> Proposal to World Bank to host webinars is on hold pending confirmation of Finance Working Group’s plans and World Bank’s platform availability.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Sub-task 6.1:</b> Webinars on topic of high interest to ALP members and featuring Asian examples, with LEDS GP Working Group (through LEDS GP platform)	USAID LEAD/ICF	July, October 2015; March 2016	<b>Delayed by three months.</b> Designed three-part series on energy planning tools and secured Energy Working Group as co-host. Delivery to begin in Q1 FY 2016 due to late receipt of funds from LEDS GP by Energy Working Group.
<b>Sub-task 6.1:</b> Webinars on technical issues related to clean energy grid integration	USAID LEAD/ICF	August, November 2015; April 2016	<b>In progress.</b> The USAID LEAD program supports on-going webinars that are convened and scheduled by the USAID Greening the Grid program.
<b>Sub-task 6.1:</b> Author case studies in topics of high interest to ALP members to respond to member requests for in-depth cases that detail LEDS implemented in Asia and to further disseminate knowledge	USAID LEAD/ICF	July and September 2015	<b>Completed.</b> Released case study on “Contribution of the Asia-Pacific Integrated Model (AIM) Tool to Low-Carbon Growth Policymaking in Asia”. <b>Delayed by 2 months.</b> Drafted case study on “Low Emission Transport in Malaysia – A Focus on Bus Rapid Transit” which is pending approval by partners.
<b>Sub-task 6.1:</b> Author issue briefs on “hot topics” of high interest to ALP members to showcase thought leadership and bring the latest information to the network:	USAID LEAD/ICF	April, July, October, November 2015	<b>Completed.</b> Brief on INDCs completed (April 2015). <b>In progress.</b> Two briefs on INDCs and financing LEDS planned for October and November 2015.
<b>Sub-task 6.1:</b> Promote and deliver remote expert assistance on LEDS (REAL) service for analysis, finance, energy, waste, and transport to members	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b> During this quarter, delivered REAL support to Government of Bhutan, Sri Lanka UN-REDD Programme Management Unit, and Bogor Agricultural University.
<b>Sub-task 6.1:</b> Recruit new experts and organizations that focus on Asia to the roster of REAL experts	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Promote, support, and/or participate in other ALP partner in-person or virtual knowledge sharing and capacity building events	USAID LEAD/ICF	Ongoing, through June 2016	<b>Ongoing.</b> This quarter, participated in AFOLU Working Group’s “Developing and Financing Land Use Plans” in Bangkok, Thailand during July 2015, and multiple working group’s online events.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Sub-task 6.1:</b> Promote, support, and/or participate in other CEGIN partner events as identified in its work plan	USAID LEAD/ICF	Ongoing to June 2016	<b>Ongoing.</b> USAID LEAD presented on CEGIN at regional workshops in Bangkok, Manila, and Taipei.
<b>Sub-task 6.1:</b> Maintain, update, and produce ALP outreach materials as needed	USAID LEAD/ICF	Ongoing to June 2016	<b>In progress.</b> ALP outreach materials including a new section for the website; two portraits of ALP “leaders”; regular ALP newsletters; and a doubling of social media followers on Facebook and Twitter.
<b>Sub-task 6.1:</b> Quarterly meetings with COR and REO communications team to refine LEDS communications and outreach strategy for FY 2015 - 16	USAID LEAD/ICF	July, September 2015	<b>In progress.</b> There has been active involvement of the communications manager with USAID RDMA, including regular meeting with the Development Outreach and Communications team, contributions to the REO weekly, and weekly contributions to the Front Office updates.
<b>Sub-task 6.1:</b> Maintain, the Asia LEDS knowledge portal to promote the ALP.	USAID LEAD/ICF	Ongoing to June 2016	<b>Ongoing.</b> New content added weekly.
<b>Sub-task 6.1:</b> Develop new pages/sections in the Asia LEDS Knowledge Portal to streamline access to information	USAID LEAD/ICF	August 2015	<b>Completed.</b> Developed and launched new website section on “Training” to feature training on key LEDS topics, in a curriculum format. Launched one curriculum; will launch another two curricula.
<b>Sub-task 6.1:</b> Develop and disseminate quarterly ALP e-newsletter and related announcements.	USAID LEAD/ICF	May, August, November 2015	<b>Ongoing.</b> Issued newsletter in June 2015. Next newsletter in October 2015, to coordinate with major planned events promotion.
<b>Sub-task 6.1:</b> Develop and implement ALP social media strategy to refine usage of various ALP social media platforms.	USAID LEAD/ICF	June, 2015	<b>Completed and Ongoing.</b> Outreach through Facebook, LinkedIn, Twitter, and YouTube sites.
<b>Sub-task 6.1:</b> Grow followers and continue engagement with members using social media platforms	USAID LEAD/ICF	Ongoing to June 2016	<b>In progress.</b> Social media followers have more than doubled on the USAID LEAD social media sites in six months, and tripled on the ALP Twitter site.



Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
			USAID LEAD has also started a Facebook group for past attendees of NIS trainings, as a place to discuss past trainings, share feedback and articles of interest and ask questions of the peer group.
<b>Sub-task 6.1:</b> Provide communications support for ALP in-person events and virtual activities, as required.	USAID LEAD/ICF	Ongoing to August 2016	<b>In progress.</b> The communications manager supported planning and producing materials for various ALP events, most notably the October 2015 workshop in Ho Chi Minh City; products include, but are not limited to press releases, web updates, profiles of ALP leaders, and outreach around LEDS GP winner Kanya Onsri.
<b>Sub-task 6.1:</b> Provide other communication support to ALP Steering Committee, Co-chairs, and members.	USAID LEAD/ICF	Ongoing to August 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Develop and implement strategy to create web presence for CEGIN.	USAID LEAD/ICF	Ongoing to August 2016	<b>Completed.</b> USAID LEAD assisted NREL's Clean Energy Solutions Center in finalizing the CEGIN website which is at <a href="https://cleanenergysolutions.org/cegin">https://cleanenergysolutions.org/cegin</a>
<b>Sub-task 6.1:</b> Implement follow up processes for participants of ALP training, workshop, and other activities, to occur pre-activity. Country participants to set clear objectives	USAID LEAD/ICF	Ongoing to June 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Implement follow up processes for participants of ALP training, workshop, and other activities, to occur during activity. Document stated learnings and intent/plan	USAID LEAD/ICF	Ongoing to June 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Implement follow up processes for participants of ALP training, workshop, and other activities, to occur pre-	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b>

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
activity, during activity, and post-activity.			
<b>Sub-task 6.1:</b> Track and report information to the LEDS GP as requested through its quarterly reporting templates.	USAID LEAD/ICF	Quarterly through June 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Develop and implement M&E systems and procedures for CEGIN.	USAID LEAD/ICF	Ongoing, through June 2016	<b>In progress.</b>
<b>Sub-task 6.1:</b> Issue request for proposals from pre-selected pool	USAID LEAD/ICF	June 2015	<b>Completed.</b> RFP issued on July 6 to 16 shortlisted organizations.
<b>Sub-task 6.1:</b> Selection committee selects winning proposal and finalizes award for new ALP Secretariat	USAID LEAD/ICF	July 2015	<b>Completed.</b> Selection committee picks completed. <b>Delayed by 3 months.</b> Administrative procedures are still underway to finalize and announce award.
<b>Sub-task 6.1:</b> Transition Secretariat functions in a phased approach, with USAID LEAD staff taking on oversight role	USAID LEAD/ICF	Ongoing, from August 2015 – July 2016	<b>Delayed by 3 months.</b> Awaiting final contracting of new Secretariat to begin transition.
<b>Sub-task 6.1:</b> Develop and administer checklist to track transition progress and capacity strengthening of new Secretariat	USAID LEAD/ICF	Ongoing, from August 2015 – July 2016	<b>Delayed by 3 months.</b> Awaiting final contracting of new Secretariat to assess existing capacities and inform transition approach.
<b>Sub-task 6.1:</b> Seek and secure commitment to provide a “challenge grant” to support an Asian organization contracted to staff Secretariat	USAID LEAD/ICF, NREL	Ongoing, from August 2015 – July 2016	<b>Completed.</b> Confirmed initial funding from LEDS GP Secretariat to support ALP operations in FY 2016 or 2017
<b>Sub-task 6.1:</b> Seek “matching grants” to support an Asian organization contracted to staff Secretariat	USAID LEAD/ICF, NREL	September 2015	<b>Delayed by 3 months.</b> Awaiting final contracting of new Secretariat to co-develop fundraising strategy and approach.
<b>Sub-task 6.2:</b> Prioritize catalogued training according to defined criteria.	USAID LEAD/ICF	July 2015	<b>Completed.</b> Identification and cataloguing of training materials completed for three topics.
<b>Sub-task 6.2:</b> Create integrated curricula (of multiple providers)	USAID LEAD/ICF	August 2015	<b>Completed.</b> Created three integrated curricula on Overview of LEDS, Low Emission

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
for each focus area in ALP Work Plan 2015 – 2016.			Energy Planning, and Low Emission Land Use Planning. First curriculum finalized; latter two curriculum going through expert review.
<b>Sub-task 6.2:</b> Coordinate with training providers to obtain materials for the integrated curricula and/or approvals for referencing.	USAID LEAD/ICF	August 2015	<b>Completed.</b> Secured approvals from content owners for materials in first curriculum. <b>Delayed by 2 months.</b> Approval process for latter two curricula is underway.
<b>Sub-task 6.2:</b> Launch new page on ALP website to feature integrated curricula and allow members to directly access offerings.	USAID LEAD/ICF	August 2015	<b>Completed.</b> First curriculum launched. <b>Delayed by 2 months.</b> Launch of latter two curricula will take place in Q1 FY 2016.
<b>Sub-task 6.2:</b> Design mini-curricula, which place topics in the context of the event objectives, and “bundles” content from different sources into a cohesive package.	USAID LEAD/ICF	July 2015	<b>Completed.</b> Identified high-interest training topics through stakeholder consultations, and selected four topics to present as training package at the ALP regional workshop in Ho Chi Minh city.
<b>Sub-task 6.2:</b> Engage content providers to customize their content (in-kind) and deliver their offering.	USAID LEAD/ICF	July 2015	<b>Completed.</b> Engaged four international organizations to customize and deliver their training content at the ALP regional workshop in Ho Chi Minh city to ALP members.
<b>Sub-task 6.2:</b> Engage target learners (pre-event) to market mini-curricula, match their priorities with available curricula, and prepare them for effective participation. Provide clear guidance on expected outputs as a result of their participation.	USAID LEAD/ICF	September 2015	<b>Completed.</b> Communicated training options, learning objectives, and planned agendas to participants planning to join the ALP regional workshop in Ho Chi Minh city.
<b>Sub-task 6.2: Sub-task 6.2:</b> Engage [universities] in carrying out Strategy 1 activities, such as to review existing (free) training content, provide input on country-specific interests, and	USAID LEAD/ICF	August 2015	<b>Completed.</b> Engaged 6 academic institutions and experts in reviewing proposed training curriculum for Overview of LEDS and LEDS Process; similar outreach to be conducted for remaining two curricula.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
help design recommended curricula.			
<b>Sub-task 6.2:</b> Select institutions interested in promoting or hosting certain training or curricula and facilitate initial connections and conversations with content owner, such as on in-country delivery or country-specific customization.	USAID LEAD/ICF	August 2015	<b>On hold.</b> Will resume this strategy upon completion and launch of all three curricula, for streamlined outreach and discussion.
<b>Sub-task 6.3:</b> Selection of BPW award winners—Develop criteria, select, and announce winners. Selection criteria will be based on FY 2014 criteria with modification if necessary.	USAID LEAD/ICF/B PW	August 2015	<b>Completed.</b> Developed selection criteria and facilitated the final selection process to resulted in the identification of nine award recipients.
<b>Subtask 6.4:</b> Contribution to the preparation of AFOLU Working Group products.	USAID LEAD/ICF, USAID LEAD/ Engility USAID LEAF, USFS, Silva- Carbon	Ongoing, through May 2016	<b>In progress.</b>
<b>Subtask 6.4:</b> Help LEAF identify and recruit experts to provide Remote Expert Assistance on LEAD (REAL) support for AFOLU-related requests that come to the LEDS GP and ALP.	USAID LEAD/ICF, USAID LEAD/ Engility USAID LEAF, USFS, Silva- Carbon	October 2015	<b>In progress.</b> Recruiting AFOLU experts to be in LEDS GP REAL roster is an on-going activity.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 6.4:</b> Help the USAID LEAF prepare and organize: (i) Forest degradation workshop, June 2015 in Bangkok; (ii) Regional Forum on Developing and Financing LEDS for AFOLU sector, July 7-9, 2015 in Bangkok, (iii) Regional Forum on Creating Enabling Environments to Mobilize Private Investment for Green Growth and LEDS in the Agriculture Sector in Asia, October 2015 in Ho Chi Minh City,; and (iv) other webinars to be agreed on related topics.	USAID LEAD/ICF, USAID LEAD/ Engility USAID LEAF, USFS, Silva- Carbon	June, July, October 2015	<b><i>Completed and on-going.</i></b>
<b>Subtask 6.4:</b> Draw up an agreed program of events to which USAID LEAD will contribute funding of participant travel, and finalize agreement on the types and amounts of such financial support. These are anticipated to include workshops (i-iii, noted above), the 2016 Asia LEDS Forum, and events organized by other international development organizations such as UNEP.	LEAD/ICF, USAID LEAD/ Engility USAID LEAF, USFS, Silva- Carbon	June, July 2015, March 2016	<b><i>Completed and on-going.</i></b>
<b>Subtask 6.4:</b> Contribute to the preparation of AFOLU WG products: USAID LEAD will:	LEAD/ICF, USAID LEAD/ Engility USAID LEAF, USFS, Silva- Carbon	Ongoing, through May 2016	<b><i>In process.</i></b>

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<ul style="list-style-type: none"> <li>▪ Participate in planning sessions led by USAID LEAF to define the knowledge sharing products to be developed by the AFOLU WG, which may include a review of LEDS in the region and how governments/planners are developing these strategies in the context of agriculture vs. forestry (or both);</li> <li>▪ Help LEAF develop a matrix of available climate finance mechanisms for AFOLU to inform the development of a decision support tool/guidelines to direct implementers to sources of finance;</li> <li>▪ Help LEAF develop and refine white papers or concept notes on AFOLU topics based on needs identified by the LEDS GP Steering Committee and/or WG members. This might include, for example, an analysis of how GHG emissions and stocks from palm oil production vary depending on whether the plantations are sited on degraded land, or on land from forest conversion.</li> </ul>			

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
LEAD will participate in planning sessions led by LEAF to define knowledge sharing products to be developed by the AFOLU WG and contribute to their development (e.g., author, review, edit, and design).			
<b>Subtask 6.4:</b> Support the development of guidance to access different types of finance, e.g., GCF, green bonds, and REDD+, if requested by USAID LEAF.	LEAD/ICF, USAID LEAD/Engility USAID LEAF, USFS, Silva-Carbon	July 2015	<b>Delayed by approximately 4 months.</b> This is due to the Working Groups experiencing delays in receiving their required funding from LEDS GP.
<b>Subtask 6.4:</b> USAID LEAD will support USAID LEAF's development of sustainability plan(s) for the AFOLU WG.	LEAD/ICF, USAID LEAD/Engility USAID LEAF, USFS, Silva-Carbon	July 2015	<b>Postponed.</b> The schedule for development of sustainability plan for the WG is postponed.
<b>Subtask 6.5:</b> Assess the current status and progress of activities under the US-Thailand Cooperation Work Plan, October 2014-September 2015 with USG partners.	USAID LEAD/ICF	August 2015	<b>On-going.</b> The assessment matrix is developed and working with USG partner to assess the current status.
<b>Subtask 6.5:</b> Share results with other LEAD program countries and ALP members (as specified in the activity sheets for the other LEAD program tasks).	USAID LEAD/ICF	Ongoing from May 2015 through September 2015	<b>Ongoing.</b>
<b>Subtask 6.5:</b> Deliver Thailand training programs to relevant government officials.	USAID LEAD/ICF	September 2015	<b>Ongoing.</b>

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 6.6:</b> Convene technical working groups.	USAID LEAD/ICF, USAID VFD	May 2015	<b>In progress.</b> The Thanh Hoa GGTG has agreed to identify technical experts to serve as reviewers for the draft GGAP.
<b>Subtask 6.6:</b> Develop final strategy documents: Incorporate findings and recommendations from the individual partner workshops to finalize the strategy documents. Disseminate to technical sub-groups for review and final approval.	USAID LEAD/ICF, USAID VFD	September 2015	<b>Completed and in process.</b> The draft GGAP was shared with the provincial GGTG for their review and comments. A workshop was held, September 28-29 to obtain final targets and identify priority activities.
<b>Subtask 6.6:</b> Develop communications strategy: Communications strategy will include an outline for the draft strategy document, case study of the GGAP process, promotional materials for workshops and other dissemination activities and products.	USAID LEAD/ICF, USAID VFD	July 2015	<b>In process.</b> A communication template has been developed and will be finalized once the GGAP is final.
<b>Subtask 2.0:</b> Finalize the 2006 IPCC Guidelines online courses for the waste, forestry, energy, agriculture, and IPPU sectors.	USAID LEAD/ICF, USAID LEAD/GHG MI	May, June, July, 2015	<b>Completed.</b> USAID LEAD completed the 2006 IPCC Guidelines online Waste sector course. <b>Delayed.</b> The status of the remaining courses was as follows as of the end of FY 2015 Q4: Energy: completed, and as of the end of the quarter the online version was undergoing several final modifications. USAID LEAD expects to publish the course online by the end of October 2015. IPPU: under review, and owing to some technical issues, USAID LEAD expects to publish the course by the end of January 2016. Agriculture: fully migrated to online modules which were and remain under review. The



Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
			course should be published by the end of November 2015. Forestry: half of its online modules had been created by the end of the quarter, with the remaining half to be created by the end of October. This indicates a publication date of late-November 2015.
<b>Subtask 2.0:</b> Refine the list and select the topics to present at Sessions 4 and 5. Following Session 4, USAID LEAD will provide on-demand support to the countries that attended this session in applying lessons learned to their ongoing inventory work.	USAID LEAD/ICF	July – November 2015	<b>In progress.</b> In September 2015, USAID LEAD traveled to Cambodia, Malaysia, Nepal, and Vietnam to discuss ways the program could assist those countries in applying knowledge gained at Sessions 1-4, and what topics they would like the program to cover at NIS 5. Discussions of this nature with Bangladesh, Philippines, and Thailand are also being planned.
<b>Subtask 2.0:</b> Conduct final IPPI assessment for Malaysia.	USAID LEAD/ICF	June 2015	<b>On hold.</b> It was decided at the Capacity Building and Quality Enhancement of GHG Inventory LECB Project Support Activities for the Agriculture Sector in 2015 - Session 3 in June that the timing and demand were inopportune to carry out this task because Malaysia was still preparing its BUR1 and NC3, and lacked documents to evaluate for the purpose of an IPPI assessment. As such, it was concluded that the assessment would likely show more meaningful results once Malaysia had the opportunity to put into practice the lessons learned at the capacity building sessions carried out this February, March, and June.
<b>Subtask 2.1:</b> US EPA has requested that USAID LEAD continue to engage the LEAD Country Coordinator for Bangladesh after June 2015. He will continue to help ensure continuity of cross-cutting	USAID LEAD/ICF	Ongoing, through March 2015	<b>In progress.</b> USAID LEAD continues to provide USEPA-led GHG inventory capacity building support. In May 2015, USAID LEAD conducted in person on-boarding in Dhaka for the DoE Agriculture and LULUCF sector leads, and to participate in a series of technical meetings with the Forest

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
technical assistance and enhanced support for the Energy sector GHG inventory, and to support the learning-by-doing approach that has proven to be effective in institutionalizing GHG inventory capacity building.			Department of the MoEF, the Department of Agriculture Extension of the Ministry of Agriculture, and the Bangladesh Space Research and Remote Sensing Organization (SPARRSO). In the period after June 2015, USAID LEAD supported EPA in providing technical assistance to DoE for data collection, developing mobile sources training materials, and on-boarding for the Energy sector lead, and in planning an ALU Software training. USAID LEAD support, EPA conducted an informal review of the <i>Inception Report (Draft), Component 2: GHG Inventory Preparation</i> .
<b>Subtask 2.2:</b> Engage an in-country consultant to provide support to CDD for national inventory planning support. (Cambodia)	USAID LEAD/ICF	May 2015	<b>Cancelled.</b> USAID LEAD co-signed a letter of agreement with CCD in July 2015. The CCD staff member USAID LEAD was attempting to recruit (upon the request of CCD and in consideration of his capacity to perform the work) as the in-country consultant for the USAID LEAD-CCD work plan indicated he would no longer be able to assume this role. USAID LEAD staff traveled to Cambodia in September to discuss this with the government of Cambodia. All parties agreed that USAID LEAD would support work plan implementation without a national inventory coordinator, instead using existing USAID LEAD personnel.
<b>Subtask 2.2:</b> Review the draft IPPI baseline assessment and supporting source documentation with Cambodia's inventory team. (Cambodia)	USAID LEAD/ICF	June 2015	<b>Delayed by approximately four months.</b> The USAID LEAD team postponed this process with the expectation that the in-country consultant the program intended to hire would include this amongst his or her duties. As it has now been decided that no such coordinator will be hired, LEAD will conduct

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
			this work with its own internal resources in FY 2016 Q1.
<b>Subtask 2.2:</b> Support CCD staff to establish a sustainable National Inventory Plan, including institutional arrangements, and act as the coordination body.	USAID LEAD/ICF	Ongoing from May through October 2015	<b>Delayed by approximately five months.</b> The USAID LEAD team postponed this process with the expectation that the in-country consultant the program intended to hire would include this amongst his or her duties. As it has now been decided that no such coordinator will be hired, LEAD will conduct this work with its own internal resources in FY 2016 Q1.
<b>Subtask 2.2:</b> Identify, prioritize, and procure computer hardware and software to manage GHG data and information, help install the software, and provide training in its use.	USAID LEAD/ICF	Ongoing from June through November 2015	<b>Delayed by approximately four months.</b> The USAID LEAD team postponed this process with the expectation that the in-country consultant the program intended to hire would include this amongst his or her duties. As it has now been decided that no such coordinator will be hired, LEAD will conduct this work with its own internal resources in FY 2016 Q1 and Q2.
<b>Subtask 2.4:</b> Hold focus group discussions on GHG inventory-related institutional arrangements and data collection and analysis for the energy and forestry sectors. Hold two additional one-day technical working sessions, or one per sector, in continuance of the effort to establish institutional arrangements and methods and data documentation for these sectors.	USAID LEAD/ICF	July 2015	<b>Cancelled.</b> The government of the Philippines cancelled these focus group discussions July on account of scheduling conflicts. As all parties agreed that B-LEADERS had satisfactorily assumed responsibility for providing GHG inventory technical assistance to the government of the Philippines, the focus group discussions were not rescheduled.
<b>Subtask 2.4:</b> Hold a Philippines-only version of the Session 4 Regional Trainings on National GHG Inventory Systems	USAID LEAD/ICF	August 2015	<b>Cancelled.</b> As stated in the work plan, this activity would be contingent upon demand. As NIS 4 took place in Manila and a large number of government GHG inventory staff attended, in addition to USAID/Philippines'

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
			funded projects staff, the Philippines has declined to request this training.
<b>Subtask 2.5:</b> Review and provide recommendations for the estimation of activity data for the GHG inventory. (Vietnam).	USAID LEAD/ICF	Ongoing, through December 2015	<b>On hold.</b> As noted in the USAID LEAD work plan, implementation of this activity is predicated upon the condition that USAID LEAD and CliTech agree on the exact activities to be undertaken. As of the end of this quarter, this topic remained under discussion by LEAD and CliTech. The main question that remained to be resolved concerned who would deliver the capacity building. In the work plan CliTech drafted, CliTech proposed that the work be carried out by personnel who appeared to be governmental or quasi-governmental staff. USAID LEAD met with CliTech staff in Hanoi, Vietnam, in September 2015, and discussed this topic in depth, settling the issue. A final issue to be resolved concerns whether to focus on one sector or attempt to cover all sectors.
<b>Subtask 2.6:</b> Develop a training curriculum for a regional training on laboratory analysis for carbon in sediment samples.	USAID LEAD/ICF, USAID LEAD/Engility, USFS, Kasetsart University	March 2015	<b>Ongoing.</b>
<b>Subtask 2.6:</b> Engage KU to analyze sediment samples collected from Trang province, Thailand, during the training conducted in FY 2013 for carbon content analysis.	USAID LEAD/ICF, USAID LEAD/Engility, USFS, Kasetsart University	September 2015	<b>Completed.</b> Soil analysis training workshop was held in Bangkok, Thailand September 21-25, 2015

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 2.6:</b> Conduct a five-day training (TBC) for participants on mangrove sediment laboratory and data analysis at soil laboratory at KU.	USAID LEAD/ Engility, USFS, Kasetsart University	July 2015	<b><i>Postponed by one month and Completed.</i></b> Soil analysis training workshop was held in Bangkok, Thailand September 21-25, 2015
<b>Subtask 2.6:</b> Conduct a one-day seminar in Phnom Penh to present past achievements from carbon assessment activities conducted in Koh Kong (FY 2014) and in Sihanoukville/Koh Kong (FY 2015).	USAID LEAD/ICF USAID LEAD/ Engility USFS	September 2015	<b><i>Postponed to January 2016.</i></b> Waiting for the carbon stock result analysis from USFS. The scope of the seminar also has been expanded to a four day workshop, covering the above-ground carbon calculation and roadmap for data integration.
<b>Subtask 2.6:</b> Develop field protocol for flooded forests.	USAID LEAD/ICF USAID LEAD/ Engility USFS	September 2015	<b><i>Postponed to November 2015.</i></b> Waiting for inputs on shrub sample analysis from USFS.
<b>Subtask 2.6:</b> Finalize a follow-on activity plan with USAID/Cambodia and the Government of Cambodia. This plan includes carbon stock assessment of selected flooded forest ecosystem areas and plans for data collection (i.e., data analyses and reporting requirements).	USAID LEAD/ICF USAID LEAD/ Engility USFS	September 2015	<b><i>Postponed to November 2015.</i></b> The flooded forest data collection activity is postponed to February-March 2015.
<b>Subtask 3.0:</b> Begin to collect information and conduct analysis to produce case studies on the approach in each country-specific Task 3 site for dissemination through the ALP.	USAID LEAD/ICF, USAID LEAD/ISC	September 2015	
<b>Subtask 3.0:</b> Bureau of Energy Efficiency (BEE), to support	USAID LEAD/ICF	July 2015 (consultations	<b><i>Cancelled.</i></b> Due to a change in leadership at BEE, and a continued vacancy for the

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
development and application of GHG accounting protocols and tools so that BEE could estimate the carbon footprints of about 600 industries, buildings, appliance manufacturers and other entities who participate in the annual National Energy Conservation Award (NECA).		and preparation of activity plan)  Ongoing from August 2015 – June 2016 (implementation of activity plan)	Director position, the organization is unable to commit to any programs and cannot sign the required Letter of Agreement with USAID LEAD.
<b>Subtask 3.1:</b> Review results of the sectoral inventory (for the sectors supported by the USAID LEAD program).	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Completed.</b> Submitted for endorsement by GGTF
<b>Subtask 3.1:</b> Provide assistance to Thanh Hoa to complete its BAU scenario as a baseline against which to measure green growth efforts and mitigation results.	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Completed.</b> Submitted for endorsement by GGTF
<b>Subtask 3.1:</b> Review the final version of the BAU scenario definition.	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Completed.</b> Submitted for endorsement by GGTF.
<b>Subtask 3.1:</b> Assist with the development and analysis of a provincial MACC curve.	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Completed.</b> Submitted for endorsement by GGTF
<b>Subtask 3.1:</b> Help Thanh Hoa determine its quantifiable targets against indicators required by the Vietnamese government for its green growth action plan to help ensure that targets are realistic.	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Ongoing.</b> As proposed by Thanh Hoa GGTF, the quantifiable targets will be finalized in the final draft of GGAP as part of implementation road map.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 3.1:</b> Participate as a technical resource group, in workshops that the Thanh Hoa GGTF is likely to organize to further development of the GGAP.	USAID LEAD/ICF, USAID LEAD/ISC	June 2015	<b>Completed.</b> Participated as a technical resource person in GHG emission Subgroup consultations on developing GHG mitigation analysis.
<b>Subtask 3.1:</b> Help Thanh Hoa province map good practices for scaling up green growth already in place in the province, and develop a LEDS case study.	USAID LEAD/ICF, USAID LEAD/ISC	September 2015	<b>Ongoing</b>
<b>Subtask 3.1:</b> USAID LEAD would organize a brief study tour for selected members of the GGTF, comprised of a two-day set of visits and meetings at the location of the fourth Asia LEDS Forum, immediately before or after the Forum sessions	USAID LEAD/ICF, USAID LEAD/ISC	September 2015	<b>Postponed.</b> Study Tour for GGTF members will be organized along the sideline of next Asia LEDS Forum, which is anticipated for Spring or Summer of 2016.
<b>Subtask 3.2:</b> Provide assistance to develop status note on BCCI's current strategy for engagement with MSMEs. Prepare a white paper on the strategy.	USAID LEAD/ICF, USAID LEAD/ISC	May 2015	<b>Ongoing.</b> The draft outline endorsed by BCCI management and work is in progress.
<b>Subtask 3.2:</b> Deliver training program to BCCI member companies on topics related to climate change mitigation, GHG management, green growth and sustainability so as to create awareness, interest and capacity in those fields.	USAID LEAD/ICF, USAID LEAD/ISC	Ongoing, through June 2016	<b>Completed and ongoing.</b> USAID LEAD delivered one trainings to BCCI Members companies focused on resource conservation and sustainability.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 3.2:</b> Provide BCCI and selected member companies with opportunities for regional networking as those opportunities arise, so that member companies can learn from initiatives in other countries and share their lessons learned.	USAID LEAD/ICF, USAID LEAD/ISC	Onwards, through June 2016	<b>Ongoing.</b> BCCI member companies will be given an opportunity to participate in the next Asia LEDS Forum.
<b>Subtask 3.2:</b> Conduct a two-day training for BCCI staff on program monitoring and evaluation to mainstream M&E of sustainability training to be conducted by BCCI.	USAID LEAD/ICF, USAID LEAD/ISC	August 2015	<b>Delayed by three months.</b> The training is delayed due to calendar conflicts at BCCI. This training will be conducted in FY 2016 Q1
<b>Subtask 3.3:</b> Conduct energy audits in hotels.	USAID LEAD/ICF, USAID LEAD/ISC	June 2015	<b>Completed.</b>
<b>Subtask 3.3:</b> Review data provided by participating hotels on a monthly basis.	USAID LEAD/ICF, USAID LEAD/ISC	June 2015, through April 2016	<b>In progress.</b>
<b>Subtask 3.3:</b> Deliver one-day training program to participating hotels on data collection, reporting, and energy benchmarking.	USAID LEAD/ICF, USAID LEAD/ISC	July 2015	<b>Completed.</b>
<b>Subtask 3.3:</b> In collaboration with TGO, broaden outreach and awareness building, and provide technical support for additional hotels, and then other commercial buildings in Chiang Mai, to calculate and report their GHG emissions through Thailand's new GHG registry.	USAID LEAD/ICF, USAID LEAD/ISC	Ongoing, through June 2016	<b>Ongoing.</b>



Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 3.3:</b> Create package of energy audit training materials, including training modules, demonstration materials, and resource guidebooks.	USAID LEAD/ICF, USAID LEAD/ISC	July 2015	<b>Completed.</b>
<b>Subtask 4.0:</b> In collaboration with TGO, submit an abstract to the “Regional Forum on Climate Change (RFCC) - Low Carbon and Climate Resilient Societies: Bridging Science, Practice, and Policy,” and if the abstract is approved, present at the forum, scheduled for July 1-3, 2015.	USAID LEAD/ICF, USAID LEAD/TCR	July 2015	<b>Completed.</b> The abstract was approved and USAID LEAD presented at the forum.
<b>Subtask 4.0:</b> Explore the potential for the Carbon Disclosure Project (CDP) to include the methodology of CFO 2.0 to the menu of GHG emissions estimation methods accepted by the CDP.	USAID LEAD/ICF, USAID LEAD/TCR	July 2015	<b>In progress.</b> USAID LEAD initiated this discussion with CDP.
<b>Subtask 4.0:</b> Hold joint regional demonstration event with LECB under its capacity building support for the private sector task.	USAID LEAD/ICF, USAID LEAD/TCR	September 2015	<b>On hold.</b> USAID/Philippines and UNDP LECB have requested that USAID LEAD postpone this activity until January 2016 due to the full schedule USAID/Philippines has from August to November 2015.
<b>Subtask 4.0:</b> Host a meeting to demonstrate Thailand’s GHG reporting program and online reporting registry for a Philippines women’s group with which the EC-LEDS team in the Philippines has an ongoing relationship.	USAID LEAD/ICF, USAID LEAD/TCR	September 2015	<b>On hold.</b> USAID/Philippines and UNDP LECB have requested that USAID LEAD postpone this activity until January 2016 due to the full schedule USAID/Philippines has from August to November 2015.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 4.0:</b> Organize a meeting(s) in up to three countries in addition to the Philippines to demonstrate Thailand's GHG reporting program and online reporting registry as an example of Asia regional best practice in GHG MRV Systems.	USAID LEAD/ICF, USAID LEAD/TCR	Ongoing, through June 2016	<b>In progress.</b> USAID LEAD scheduled the first of these meetings to take place in Hanoi, Vietnam, in November 2015, confirmed interest in Malaysia, and began to explore whether there were interest in India.
<b>Subtask 4.0:</b> If TGO is agreeable, establish guest access accounts to be used for educational purposes.	USAID LEAD/ICF, USAID LEAD/TCR	September 2015	<b>In progress.</b> USAID LEAD discussed this topic with TGO and established that USAID LEAD would send a formal request for this access to TGO by email, or, if suitable, forego requesting guest access and instead create a general user profile (as opposed to an administrator profile, for which "guest access" would be required).
<b>Subtask 4.0:</b> Develop package of Thailand reporting program demonstration materials including templates for an invitation to demonstration event, proposed agenda, talking points, and informational materials.	USAID LEAD/ICF, USAID LEAD/TCR	September 2015	<b>In progress.</b> USAID LEAD is creating these materials as demand dictates. Vietnam is the first country to request a demonstration of CFO V2.0 on a specific date. For this demonstration, USAID LEAD created a concept note with a proposed agenda. It did not create invitations because the initiating office in Vietnam, the Ministry of Industry and Technology, wished to be in charge of this aspect of the demonstration event.
<b>Subtask 4.1:</b> Complete development of the GHG reporting platform that is adapted to reflect the program design elements of the TGO reporting program and the needs of its operators and users.	USAID LEAD/ICF, USAID LEAD/TCR	July 2015	<b>Complete.</b> USAID LEAD installed the platform on TGO's server in August 2015.
<b>Subtask 4.1:</b> Implement and deploy the GHG registry/platform, in collaboration with TGO.	USAID LEAD/ICF, USAID LEAD/TCR	July 2015	<b>Complete.</b> As of the end of the quarter, the platform was available online.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
<b>Subtask 4.1:</b> Provide documentation and training to TGO technical staff. Develop training curriculum for reporters, verification bodies, and program administrators. Customize a set of tools, user guides and operations handbook.	USAID LEAD/ICF, USAID LEAD/TCR	Ongoing, through September 2015	<b>Complete.</b> All materials were completed prior to the one-week training USAID LEAD held for CFO V2.0 administrators, technical staff, and potential consultants, verification bodies, and reporters, in August 2015. All materials were delivered to TGO before or during that week of training.
<b>Subtask 4.1:</b> Development communications strategy, messages and other materials to encourage companies to understand GHG reporting and participate in the registry program.	USAID LEAD/ICF, USAID LEAD/TCR	Ongoing, through December 2015	<b>Complete.</b> All materials were delivered to TGO prior to the one-week training USAID LEAD held for CFO V2.0 administrators, technical staff, and potential consultants, verification bodies, and reporters, in August 2015.
<b>Subtask 4.1:</b> Provide training and training modules that TGO can use to train its own staff as well as reporters and verifiers.	USAID LEAD/ICF, USAID LEAD/TCR	September 2015	<b>Complete.</b> All materials were completed prior to the one-week training USAID LEAD held for CFO V2.0 administrators, technical staff, and potential consultants, verification bodies, and reporters, in August 2015. All materials were delivered to TGO before or during that week of training.
<b>Subtask 4.2:</b> Consult with USEPA and other key stakeholders within the USG, and with Chinese counterparts such as the NRDC and NCSC, to prepare a detailed activity plan. Also, list of Key U.S. GHG MRV Materials (English and Chinese).	USAID LEAD/ICF	Ongoing through June 2016	<b>Complete.</b> The “detailed activity plan” was completed and approved by RDMA in June 2015. The “Final US-China Climate Change Working Group Work Plan” was submitted to NDRC in May 2015. “List of Key U.S. GHG MRV Materials (English and Chinese)” was completed and delivered to USEPA in August.
<b>Subtask 5.0:</b> Prepare final curriculum for workshop on rice cultivation.	USAID LEAD/ICF	Ongoing, through July 2015	<b>In progress.</b>
<b>Subtask 5.0:</b> Prepare final curriculum for workshop on enteric fermentation.	USAID LEAD/ICF	May 2015	<b>In progress.</b>
<b>Subtask 5.0:</b> Conduct up to five-day workshop in Indonesia on	USAID LEAD/ICF	August 2015	<b>Delayed by six months.</b> The new proposed date is in January 2015.

Activity/Work Product/Deliverable	Partner(s)	Due Date or Activity Period	Status, Comments
emission factors for rice cultivation.			
<b>Subtask 5.0:</b> Conduct up to five-day workshop on emission factors for enteric fermentation.	USAID LEAD/ICF	August 2015	<b><i>Delayed by four months.</i></b> The workshop will be held in December 2015.
<b>Subtask 5.1:</b> Organize a peer exchange with the country technical team in Thailand and/or selected country to share experience on the emission factor development.	USAID LEAD/ICF	June 2015	<b><i>Pending.</i></b> Under discussion with the USAID/Philippines.

### Key FY 2015 Quarter 4 Implementation Challenge

#### Challenge and Response:

None to report.

# INTEGRATION OF CROSSCUTTING ISSUES AND USAID FORWARD PRIORITIES IN FY 2015 QUARTER 4

## 6.2 Gender Equality and Female Empowerment

During this quarter, the USAID LEAD program progressed in developing and implementing the following gender mainstreaming activities:

- The LEAD program facilitated the nomination process for BPW Thailand's Outstanding Green Growth Leadership award; the LEAD team selected award criteria that emphasized gender and green growth best practices and outcomes. The nomination process resulted in the selection of nice businesswomen from the industry, agriculture, hotel and banking sectors.

## 6.3 Performance Management

The LEAD team is currently implementing its PMP and is documenting program results that contribute to the program's goal, objectives, and annual targets. During this quarter, LEAD's Monitoring and Evaluation (M&E) Manager, in collaboration with technical managers in the LEAD program, conducted the following activities:

- Compiled program results for FY 2015 and submitted a detailed annual and fourth quarter progress to USAID/RDMA on October 31, 2015. In addition, compiled USAID LEAD's FY 2015 AGPs and milestones and provided evidence of results to USAID/RDMA and USAID/Washington. FY 2016 AGPs were also submitted.
- Developed an assessment matrix for EC-LEDS activities in Thailand and included milestones that were in the FY 2015 work plan for USAID LEAD and all other relevant USAID/RDMA partners.

### Communications and Outreach

During Q4, the USAID LEAD program conducted a variety of communications activities to support the work of the program and engage with stakeholders, including support for the Asia LEDS Partnership.

Key activities included:

- Working with USAID RDMA Development Outreach and Communications specialist to design a three minute video highlighting all USAID RDMA REO projects working in climate change;
- Facilitate a filming trip to interview a "climate change leader" in the field, in Koh Kong, Cambodia;
- Actively engaging new followers and stakeholders on Facebook and Twitter;
- Submitting monthly updates to EC-LEDS;
- Reaching out to all communications staff on other USAID RDMA REO projects (co-operative agreements and contracts);
- Hosted an e-talk/webinar for ICF worldwide communications staff on USAID LEAD and engaging with USAID;
- Hired design contractors and web site experts to help manage the significant changes on Asialeds.org;
- Designing a template for the final Green Growth Action Plan report;
- Organized a group presentation at the IUCN Resilience Workshop, August 2015;

- Developed a new Fact Sheet for USAID LEAD, approved by USAID RDMA and published on the USAID web site.

## 7. STAKEHOLDER PARTICIPATION AND INVOLVEMENT IN FY 2014 QUARTER 4

**Table 8: Stakeholders by Country**

Country	Organization	Relevant Task(s) and Activities
Bangladesh	<ol style="list-style-type: none"> <li>1. Ministry of Planning – Planning Commission</li> <li>2. Department of Environment, Ministry of Power, Energy and Mineral Resources</li> <li>3. Ministry of Environment &amp; Forests Planning - Planning Commission</li> <li>4. Sustainable and Renewable Energy Development Authority</li> <li>5. Department of Livestock Services</li> <li>6. Department of Environment, Ministry of Environment and Forests (MoEF)</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.1: National GHG Inventory Capacity Building in Bangladesh</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>
Cambodia	<ol style="list-style-type: none"> <li>1. Ministry of Environment – Climate Change Division</li> <li>2. Ministry of Economy and Finance</li> <li>3. Ministry of Public Works and Transport</li> <li>4. Ministry of Agriculture, Forestry and Fisheries – Fisheries Administration</li> <li>5. Ministry of Agriculture, Forestry and Fisheries – Forestry Administration</li> <li>6. Climate Change Department</li> <li>7. Forestry Administration, Forestry and Community</li> <li>8. Ministry of Environment – Climate Change Division</li> <li>9. Ministry of Agriculture, Forestry and Fisheries --Department of Forestry Administration</li> <li>10. Ministry of Agriculture, Forestry and Fisheries-- Department of Fisheries</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>
China	<ol style="list-style-type: none"> <li>1. National Development and Reform Commission (NDRC)</li> <li>11. National Center for Climate Change Strategy and International Cooperation (NCSC)</li> </ol>	<p>Subtask 4.2: Support a GHG reporting program (GHGRP) in China</p>
Indonesia	<ol style="list-style-type: none"> <li>1. Ministry of National Development Planning / BAPPENAS</li> </ol>	<p>Sub-task 6.1: Secretariat for the Asia LEDS Partnership</p>

	2. Ministry of Marine Affairs and Fisheries	Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands
Malaysia	<ol style="list-style-type: none"> <li>1. Economic Planning Unit, Prime Minister's Department</li> <li>2. Land Public Transport Commission</li> <li>3. Malaysian Green Technology Corporation</li> <li>4. Melaka Green Technology Corporation</li> <li>5. Ministry of Energy, Green Technology and Water</li> <li>6. UNDP (United Nations Development Programme) LECB Project, Environmental Management &amp; Climate Change Division</li> <li>7. Prasarana Malaysia Berhad</li> <li>8. Ministry of Natural Resources and Environment</li> <li>9. Institute of Energy Policy and Research (IEPRE) and College of IT, UNITEN</li> <li>10. Ministry of Agriculture and Agro-Based Industry</li> <li>11. Department of Statistics</li> <li>12. Department of Veterinary Services, Ministry of Agriculture and Agro-Based Industry</li> <li>13. Forest Research Institute Malaysia</li> <li>14. Malaysian Agricultural Research and Development Institute</li> <li>15. MARDI, Agrobiodiversity and Environment Research Centre</li> <li>16. Forest Research Institute Malaysia (FRIM), Forestry and Environment Division</li> <li>17. Department of Environment, Air Division</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.2: National GHG Inventory Capacity Building in Malaysia</p>
Nepal	<ol style="list-style-type: none"> <li>1. Alternative Energy Promotion Center</li> <li>2. National Planning Commission</li> <li>3. Department of Forest Research and Survey</li> <li>4. Ministry of Agriculture Development</li> <li>5. Ministry of Federal Affairs and Local Development</li> </ol>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p>



	<ol style="list-style-type: none"> <li>6. Ministry of Science, Technology and Environment</li> <li>7. Ministry of Forest and Soil Conservation</li> <li>8. Ministry of Science, Technology and Environment: Research and Development</li> <li>9. REDD Implementation Centre, Ministry of Forest and Soil Conservation</li> </ol>	
Philippines	<ol style="list-style-type: none"> <li>1. Climate Change Commission</li> <li>2. Department of Environmental and Natural Resources</li> <li>3. Development Bank of the Philippines</li> <li>4. Energy Policy and Planning Bureau</li> <li>5. Local Government of Roxas</li> <li>6. Mindanao Development Authority</li> <li>7. National Economic and Development Authority</li> <li>8. Department of Energy, Energy Policy and Planning Bureau</li> <li>9. Department of Environment and Natural Resources, Forest Management Bureau</li> <li>10. Department of Transportation and Communications</li> <li>11. Light Rail Transit Authority</li> <li>12. Maritime Industry Authority</li> <li>13. Philippine Statistics Authority, Bureau of Agriculture</li> <li>14. National Solid Waste Management Commission</li> <li>15. Department of Environment and Natural Resources, Environmental Management Bureau</li> <li>16. Department of Environment and Natural Resources, Environmental Management Bureau, Philippine Ozone Desk</li> <li>17. Department of Environment and Natural Resources, Environmental Management Bureau, Environmental Impact Assessment</li> <li>18. National Mapping and Resource Information Authority</li> </ol>	<p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.3: National GHG Inventory Capacity Building in Philippines</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p> <p>Subtask 5.1: Technical Assistance for CO2 Emission Factor Development for Mobile and Stationary Combustion for the Philippines</p>

	<ul style="list-style-type: none"> <li>19. Department of Environment and Natural Resources, Biodiversity Management Bureau</li> <li>20. Department of Agriculture, Bureau of Soils and Water Management</li> <li>21. The National Mapping and Resource Information Authority</li> <li>22. Department of Energy</li> <li>23. Department of Environment and Natural Resources</li> <li>24. Climate Change Commission</li> <li>25. Department of Transportation and Communications</li> <li>26. Philippine Statistics Authority</li> </ul>	
Thailand	<ul style="list-style-type: none"> <li>1. Chiang Mai Municipality</li> <li>2. Royal Forestry Department</li> <li>3. Thailand GHG Management Organization (TGO)</li> <li>4. Department of National Parks, Wildlife and Plant Conservation</li> <li>5. Royal Forestry Department</li> <li>6. Iron and Steel Institute of Thailand</li> <li>7. Ministry of Natural Resources and Environment, Department of Marine and Coastal Resources</li> <li>8. Thailand GHG Management Organization (TGO)</li> </ul>	<p>Subtask 4.1: Thailand: Technical Assistance for GHG Registry Establishment and Regional Knowledge-Sharing</p> <p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Session 3 Regional Training on National GHG Inventory Systems</p> <p>Subtask 3.3: Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in the Regional Tourism Sector through a Phased Approach Starting in Thailand</p>
Vietnam	<ul style="list-style-type: none"> <li>1. Institute of Agriculture</li> <li>2. Institute of Energy</li> <li>3. Ministry of Agriculture and Rural Development</li> <li>4. Ministry of Planning and Investment</li> <li>5. Thanh Hoa's Provincial People's Committee</li> <li>6. Thanh Hoa Department of Foreign Affairs</li> <li>7. Thanh Hoa Department of Planning and Investment</li> <li>8. Thanh Hoa Forestry Protection and Development Fund</li> </ul>	<p>Subtask 6.1: Secretariat for the Asia LEDS Partnership</p> <p>Subtask 2.0: Region-Wide National GHG Inventory Capacity Building</p> <p>Subtask 2.5: National GHG Inventory Capacity Building in Vietnam</p> <p>Subtask 2.6: Capacity Building on the Carbon Stock Assessment Protocol for Forested Wetlands</p>

	9. Thanh Hoa Women's Union 10. Vietnam Administration of Forestry 11. Vietnam Institute of Meteorology, Hydrology and Climate Change 12. Center for Technology Responding to Climate Change 13. Vietnam Academy of Forest Science 14. Department of Ecology and Environment, Forest Science Institute of South Vietnam 15. National Remote Sensing Department 16. Ministry of Natural Resources and Environment, Department of Meteorology, Hydrology and Climate Change a. Division of International Cooperation and Science-Technology b. Center for Technology Responding to Climate Change c. Division of Mitigation Technologies 17. Ozone Layer Protection Center	Subtask 3.1 : Support for Protocol and Tools Development, Capacity Building, Demonstrations, and Replication in Vietnam  Subtask 6.6: Enhanced Support for Green Growth Planning in Thanh Hoa Province, Vietnam
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#### **Regional organizations:**

- Association of Southeast Asian Nations (ASEAN) Secretariat
- Asia LEDS Partnership (ALP)
- Asian Development Bank (ADB)
- United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
- Inter-American Development Bank (IADB)
- United Nations Framework Convention on Climate Change (UNFCCC) Regional Collaboration Centre

#### **Research Institutions and Universities:**

- Chiang Mai University
- Energy research Centre of the Netherlands (ECN)
- Integrated Research and Action for Development (IRADe)
- Indonesian Agriculture Environment Research Institute
- Indonesia Centre for Animal Research and Development
- The Energy Research Institute (TERI)
- United Nations University Institute of Advanced Studies, Japan
- World Agroforestry Centre

- Chulalongkorn University
- Vietnam Academy of Forest Science
- Department of Ecology and Environment, Forest Science Institute of South Vietnam

**Associations and NGOs:**

- Bombay Chamber of Commerce and Industry (BCCI)
- Business Professional Women’s Association Thailand (BPW)
- Center for Study of Science, Technology and Policy (CSTEP)
- Clean Air Asia Global Environment Centre
- ICLEI – Local Governments for Sustainability
- Korea Green Growth Partnership
- Thai Hotel Association
- The Gold Standard Foundation
- World Resources Institute (WRI)

**Private Companies in Chiang Mai:**

- Ping Nakara Boutique Hotel & Spa
- Rati Lanna Riverside Resort and Spa
- Anantara Chiang Mai Resort and Spa
- Imm Hotel Thapae Chiang Mai
- Furama Chiang Mai
- Siripanna Villa Resort and Spa Chiang Mai
- Suriwongse Hotel
- Lotus Pang Suan Keaw Hotel
- Holiday Garden
- Duangtawan Hotel
- Pornping Tower Hotel
- The Imperial Mae Ping Hotel
- Holiday Inn Chiang Mai
- Empress Hotel
- Ibis Style Hotel

**Other donors (not listed above):**

- Climate and Development Knowledge Network (CDKN)
- European Commission - Europe-Aid Development and Co-operation Directorate-General
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Global Green Growth Institute (GGGI)
- Intergovernmental Panel on Climate Change (IPCC)
- International Finance Corporation (IFC)
- Japan International Cooperation Agency (JICA)
- LEDS Global Partnership

- National Renewable Energy Laboratory (NREL)
- Organization for Economic Co-operation and Development (OECD)
- SWITCH-Asia Network Facility
- United Nations Development Programme (UNDP)
- United Nations Environment Programme (UNEP)
- USAID-funded Lowering Emissions in Asia's Forests (LEAF) program
- USAID-funded Private Finance Advisory Network Asia (PFAN-Asia) program
- US Forest Service (USFS)
- World Bank

## 8. FY 2015 QUARTER 4: MANAGEMENT AND ADMINISTRATIVE ISSUES

**Staffing.** The position of **Office Manager** was filled by Ms. Bangorn Sirodom in July 2015.

The position of the **CCD & Country Coordinator in Cambodia** had remained vacant in FY 2015, despite efforts to recruit and employ a Cambodian national. ICF (in collaboration with the Cambodian CCD) has agreed to implement the work plan described in the MOU by using existing staff resources (Ms. Thida Tieng) based in the LEAD Office in Bangkok.

### LEAD Program FY 2015 Staff

Name/Title	Title	Status
<b>Bangkok Field Office - Expatriate Staff</b>		
John Bruce Wells	Chief of Party	LTTA
John Wildgrube	Deputy Chief of Party – Operations	LTTA
Joshua Forgotson	Sr. Regional Technical Program Officer	LTTA
Sujata Ram	M&E Manager	LTTA
Natasha Burley	Communications Manager	LTTA
<b>Bangkok Field Office – National Staff</b>		
Amornwan Resanond	Deputy Chief of Party – Technical	LTTA
Sandra Khananusit	Sr. Regional Technical Officer	LTTA
Natcha Tulyasuwan (Engility)	Forest Carbon Advisor	LTTA
Panicha Vornpien	Program Assistant	LTTA
Radtasiri Wachirapunyanont	Program Assistant	LTTA
Sittisak Sugsaisakon (AIT)	Program Assistant	LTTA
Thida Tieng (AIT)	Program Assistant	LTTA
Bangorn Sirodom	Office Manager	LTTA
Thida Ruengsit	Travel & Events Manager	LTTA
<b>LEAD Program Country Coordinators</b>		
Utpal Bhattacharjee	Country Coordinator - Bangladesh	Part Time
Sumedha Malaviya	Country Coordinator - India	LTTA
Arian Ardie	Country Coordinator - Indonesia	Part Time

Mohamad Adan Yusof	Country Coordinator - Malaysia	Part Time
Raju Laudari	Country Coordinator - Nepal	Part Time
Jo Mangila-Tioseco	Country Coordinator - Philippines	Part Time
Nguyen Khanh Quoc	Country Coordinator - Vietnam	Part Time
<b>Home Office and Remotely Located Technical Staff</b>		
Marian Van Pelt (Washington DC)	Engagement Manager	Part Time
Sophie Chou (San Francisco, CA)	Task 4 Support	Part Time
Lauren Marti (Washington DC)	Task 2 Support	Part Time
Toby Hedger (Washington DC)	Task 5 Support	Part Time
Pam Mathis (San Francisco, CA)	ALP Training Support	Part Time
Laura Bell (Washington, DC)	Senior Project Manager	Part Time

The LEAD program office in Bangkok also hosts the Asia Regional Forest Advisor of the USDA/FS International Programs, Mr. Geoffrey Blate.

#### LEAD Program FY 2015 Quarter 4 Financial Overview

<b>Financial Situation for this Quarter</b>	
Contract Budget	\$21,549,871
Quarterly Invoice Expenditures (July-September 2015)	\$1,222,100
Cumulative Invoice Expenditures (Up to September 2015)	\$16,750,769
Accruals	\$343,185
Contract Balance	\$4,455,917

## 9. PLANNED ACTIVITIES FOR NEXT QUARTER INCLUDING UPCOMING EVENTS

During the first quarter of FY 2016 (October-December 2015), the LEAD program anticipates the following key activities, including events, which may provide opportunities for bilateral Mission or USAID/RDMA involvement or USAID support for media outreach.

**Table 11: Upcoming FY 2016 First Quarter Training and Other Events**

<b>Event Title</b>	<b>Description</b>	<b>Location and Proposed Date</b>
LEDS GP Annual Event	Two-hour training session offered by the AFOLU WG at LEDS GP Annual Event. The session titled <i>Case Studies and Access to finance for AFOLU LEDS</i>	Punta Cana, Dominican Republic October 14-16, 2015
Third National Communications (TNC) GHG inventory technical workshop: Part I, Agriculture and Land Use (ALU) Software training	Jointly with the Department of Environment, MoEF, the U.S. EPA will lead a two-day session to train Bangladesh's Agriculture and Forestry/LULUCF sector national GHG inventory developers to use the upgraded ALU software for estimating GHG emissions and removals using methods from the 2006 IPCC Guidelines. Dr. Stephen Ogle of Colorado	Dhaka, Bangladesh October 6-7, 2015

	State University will serve as the trainer. The Third National Communication Project Management Unit will provide logistical support.	
Environment management in food and agriculture industry	The food industry is under tremendous pressure to ensure that their activities are eco-sensitive and contribute towards sustainable development in the long run, but there is also internal pressure to maintain or increase profitability in the face of fierce competition. The training course is designed to provide up to date information on major areas of environmental concern caused by food, agro and food processing industries include water contamination, solid waste generation, energy consumption and related GHG emissions.	Mumbai , India December 2015
USAID LEAD and BCCI M&E Training	USAID LEAD's M&E Manager will facilitate a one-day M&E training course for BCCI staff members with the overall objectives to Introduce the purpose and scope of monitoring and evaluation for program effectiveness; training design and evaluation concepts and theory; key steps of developing an evaluation for a training program; monitoring tools for determining training outcomes	Mumbai , India December 2015
Carbon footprint development for hotels	To provide training on carbon footprint for organization (CFO) for participating hotels. The first module on boundary set up and data collection template design will be provided.	Bangkok, October 31, 2015
Launch, Thanh Hoa Green Growth Action Plan	With the U.S. Ambassador to Vietnam and/or the USAID/Vietnam Mission Director, launch of the Thanh Hoa Green Growth Action Plan with a formal ceremony and tree planting.	Thanh Hoa, Vietnam. Late November 2015.

## ANNEX A: PMP PROGRESS SUMMARY FOR FY 2015

**Table 1(a): PMP Indicator progress - USAID Standard Indicators and Project Custom Indicators**

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
Development Objective (DO): Institutions, platforms, and initiatives to catalyze LEDS in Asia established or strengthened														
<u>Indicator #2:</u> Number of institutions with improved capacity to address climate change issues as a result of USG assistance (F indicator)	Training and trip reports	2012	0	8	15	30	100	0	0	0	28	28	93%	Strengthening of institutional capacity building in Task 3 activities in India, Vietnam and Mumbai, Task 4 activities in Thailand and Task 5 activities in the Philippines.
<u>Indicator #3:</u> Number of regional environmental platforms created and/or strengthened as a result of USG assistance (REO indicator)	ALP reports and database	2012	0	2	1	2	2	0	0	0	2	2	100%	Strengthening of ALP and Knowledge Portal



Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
<u>Indicator #4:</u> Number of organizations participating in regional institutions, platforms, or initiatives (custom)	ALP reports and database	2012	0	30	24	21	17	17	7	11	8	43	205%	Organizations actively participated in the ALP by joining or contributing to activities
<b>Intermediate Result (IR1): National and sub-national LEDS created or improved</b>														
<u>Indicator #5:</u> Number of countries with improved LEDS SAT Tool scores (custom)	LEDS-SAT results	2012	0	0	1	2	2	0	0	0	0	0	-	Final application of the LEDS-SAT tool will be conducted in FY 2016 Q3

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
Indicator #6: Number of sub-national LEDS developed or improved as a result of USG assistance (custom)	LEDS-SAT results	2012	0	0	1	2	2	0	0	0	2	2	100%	<p>The Thanh Hoa, Vietnam GGAP will be finalized in Q1 FY 2016 and final approval by the province's People's Committee is expected by end of November 2015.</p> <p>Task 3 activities in Chiang Mai include: 1) organization of LEDS, 2) understanding current situation, 3) analyzing options, 4) prioritizing options, and 5) implementation and evaluation.</p>
Intermediate Result (IR1): Intermediate Result (IR): National and sub-national LEDS created or improved														
Sub-IR1.1: Implementation of LEDS strengthened														

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
Indicator #7: Number of climate mitigation and/or adaptation tools, technologies, and methodologies, developed, tested, and/or adopted as a result of USG assistance (F indicator)	Program activity and trip reports	2012	0	2	2	3	4	0	0	0	0	4	133%	1) Emission Factor development Philippines (developed) 2) LEAP – energy scenario planning for Thanh Hoa (adopted) 3) GsT – planning for Thanh Hoa (adopted) 4) MACC analysis – target setting for Thanh Hoa (adopted)
Intermediate Result (IR2): GHG inventory and accounting capacity at the national and sub-national levels strengthened														
Indicator #8: Number of countries that achieve higher quality inventories according to the Inventory Progress Indicator (IPPI) (custom)	IPPI reports	2012	0	0	0	1	6	0	0	0	0	0	–	GHG Inventory activities are in progress; IPPI baselines have been conducted in Thailand, Philippines, and Bangladesh

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
<u>Indicator #9</u> : Number of sub-national entities applying GHG accounting protocols and tools as a result of USG assistance (custom)	Training reports	2012	0	0	25	50	150	0	0	0	0	0	–	Sub-national activities are in progress in Vietnam, Thailand and India are in progress and results will be reported in FY 2016
<b>Intermediate Result (IR3): GHG market development catalyzed</b>														
<u>Indicator #10</u> : Number of private and public organizations reporting GHG emissions as a result of USG assistance (custom)	GHG registry reports	2012	0	0	25	0	75	0	0	0	0	0	–	Task 4 Registry program in Thailand was finalized in Q4 FY 2015; reporting emission activities will be reported in FY 2016
<u>Indicator #11</u> : Number of tons of CO <sub>2</sub> equivalent reported to a registry (custom)	GHG registry reports	2012	0	0	1,000	0	3,750	0	0	0	0	0	–	Task 4 Registry program in Thailand was finalized in Q4 FY 2015; reporting emission activities will be reported in FY 2016

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
Sub-IR3.1: Institutions to support GHG market development strengthened														
Indicator #12: Number of GHG registries as a result of USG assistance (custom)	GHG registry reports	2012	0	0	1	1	0	0	0	0	1	0	100%	Task 4 registry program development in Thailand is complete.
Sub-IR3.2: Participation in GHG markets strengthened														
Indicator #13: Number of individuals achieving a certification of proficiency (custom)	Training reports and database	2012	0	70	70	129	60	0	28	0	21	49	38%	Certificates of Proficiency were given to participants that attended the Carbon Stock follow-up activity in Cambodia and the Soil Analysis training held in Q4.
Intermediate Result (IR1.2/2.1/3.3): Individual capacity in LEDS, GHG inventories and accounting, and GHG markets strengthened														

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
<u>Indicator #14:</u> Person hours of training completed in climate change supported by USG assistance (F indicator) – USAID/RDMA funding only	Training reports and database	2012	0	5,460 <sup>4</sup>	4,933 <sup>5</sup>	3,220	6,321	1,840	1,752	672	2,352	<b>6,616</b>	170%	Complete list of trainings are included in the report narrative
<u>Indicator #14:</u> Person hours of training completed in climate change supported by USG assistance (F indicator) – USAID Philippines buy-in	Training reports and database	2012	N/A	N/A	1,600	2,800	N/A	864	344	824	0	<b>2,032</b>	73%	List of trainings are included in the report narrative

<sup>4</sup> FY 2013 LEAD program annual target includes USAID/RDMA and USAID/Philippines supported training events.

<sup>5</sup> FY 2014 LEAD program annual target has been changed to reflect only USAID/RDMA training events and excludes USAID/Philippines training activities.

Indicator	Data Source	Baseline data		FY 2013	FY 2014	FY 2015	FY 2016	Quarterly Status – FY 2015				FY 2015 Annual Results	Annual Performance Achieved (in %)	Comments
		Year	Value	Annual Planned Target	Annual Planned Target	Annual Planned Target	Annual Planned Target	Q1	Q2	Q3	Q4			
<u>Indicator #15:</u> Number of gender mainstreaming activities developed, adopted, and/or implemented in LEAD activities (proposed)	TBD	2012	N/A	TBD	TBD	1	4	0	0	0	1	1	100%	BPW Green Growth Leadership Award

**Indicator #4: Number of organizations joining regional institutions, platforms, or initiatives (custom)**

The indicator target for FY 2015 was to secure participation of 21 organizations in a regional institution, platform, or initiative – in this case the ALP. The partnership draws organizations (including government agencies, academic institutes and universities, businesses, and non-profit organizations) and their representatives as members, and encourages their active participation in development and/or delivery of partnership activities. “Participation” is defined as meeting one or more of the following criteria:

- membership on the Steering Committee;
- provision of direct funding for partnership activities; and/or
- provision of in-kind support in the form of technical content, such as by contributing to a knowledge product (e.g., case study) or providing resource persons to present at an ALP event.

**Table 3(a): Reasons for Not Meeting Annual Target\***

Indicator	Reasons for Exceeding or Not Meeting Annual Target
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<b>Indicator #5:</b> Number of countries with improved LEDS SAT Tool scores (custom)	<ul style="list-style-type: none"> <li>LEAD's LEDS work is in progress under Task 3 activities in Chiang Mai, Vietnam and India. The LEDS-SAT tool was applied in FY 2014 and LEAD exceeded its annual target. The re-application of the LEDS-SAT tool will occur in Q3 FY 2016 to determine end of program result.</li> </ul>
<b>Indicator #8:</b> Number of countries that achieve higher quality inventories according to the Inventory Progress Indicator (IPPI) (custom)	<ul style="list-style-type: none"> <li>LEAD's Task 2 inventory strengthening activities are in progress and the quality improvement will be assessed by the re-application of the IPPI in FY 2016. The IPPI assessment will provide detailed documentation of quality improvement.</li> </ul>
<b>Indicator #10:</b> Number of private and public organizations reporting GHG emissions as a result of USG assistance (custom)	<ul style="list-style-type: none"> <li>LEAD's registry program was finalized in Q4 FY 2015; current activities to meet program target for reporting emissions in FY 2016 include promotional activities to existing companies that were reporting to the program and new companies. End of program targets are on track.</li> </ul>
<b>Indicator #11:</b> Number of tons of CO2 equivalent reported to a registry (custom)	<ul style="list-style-type: none"> <li>LEAD's registry program was finalized in Q4 FY 2015; current activities to meet program target for reporting emissions in FY 2016 include promotional activities to existing companies that were reporting to the program and new companies. End of program targets are on track.</li> </ul>
<b>Indicator #13:</b> Number of individuals achieving a certification of proficiency (custom)	<ul style="list-style-type: none"> <li>Certificates of proficiency were only distributed to Cambodian participants for carbon stock training events. Additional certificate trainings are planned in FY 2016 including the 'winter institute' for the IPPC 2006 guideline courses and carbon stock training for flooded forests. Hotels participating in the carbon footing capacity building activity will also receive certificates.</li> </ul>







